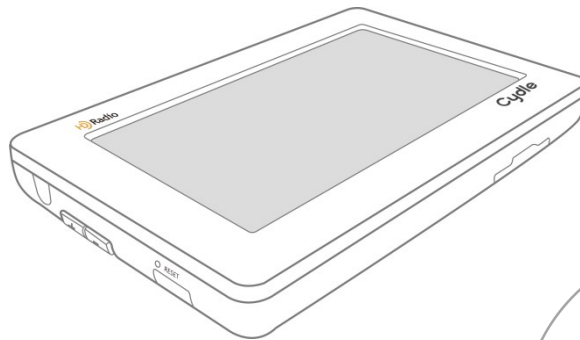


4.3" Portable GPS car Navigation

T43H



User manual

Introduction

Thank you for choosing a Cydle product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through this user manual, you'll learn how to use all the features of your new Cydle T43H to provide maximum enjoyment.

T43H

The Cydle T43H integrates enhanced functions as a Portable Navigation (GPS), HD Radio Receiver, audio Player, Video Player, Picture Viewer and various entertainment functions into a single, easy to use economical unit.

The system allows you listen to highly qualified FM channels with multicasting, crystal – clear sound and data service on FM band. Real-time traffic service over HD Radio broadcasting is also available in North America.

Preloaded with a highly detailed City Navigator of North America including Canada, US Puerto Rico and Hawaii.

There are a huge number of POIs, which enable you can find hotels, restaurants, gas stations and much more.

Your T43 is suitable for use in a variety of situations. Its functionality goes way beyond simply routing an itinerary.

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All other trademarks, whether claimed or registered, are the exclusive property of their respective owners.

Contact

Please contact Cydle if you have any inquires while using T43H.

Contact <http://www.cydle.com> or mail to cydle@cydle.com

In the official Cydle site you can get further information and all contents for T43H.

- You can get the latest software at the Cydle site for free
- You can update your map through the online Cydle store
- Please join us as registered member to get more support by creating your personal account.

Introduction

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Before you start

Safety precaution



Your unit contains a number of electronic components that can be damaged permanently when exposed to shock or vibration. To protect your unit from damage, please keep your unit in a stable place and avoid dropping your unit. Also, do not operate it in high-shock and high-vibration environments.



Clean the outer case of your unit using a cloth dampened with a mild detergent and then wipe it dry. Avoid chemical cleaners that can damage plastic components.



Clean the touch screen with a soft, clean cloth. You can use water or an eyeglass cleaner to wet the cloth. However, do not use the liquid material directly on the touch screen. Apply the liquid to the cloth, and then gently wipe the touch screen.



A PDA stylus pen can be used to operate the touch screen. Never use a hard or sharp object to operate the touch screen since this might cause damage.



Do not expose your unit to water. Contacting with water can cause this unit to malfunction.

Caution

- Do not operate your device while driving. Please drive safely and pay attention to the surrounding traffic and pedestrians. Always observe safe driving practices.
- To reduce the risk of traffic accidents, never use the video display function while driving. This is a violation of federal law.
- Never disassemble or adjust the unit.
- To prevent injury from shock or fire, never expose this unit to moisture or water.
- Never use irregular software and data.
- To prevent damage to the mechanism inside this unit, avoid impact to the TFT monitor.
- Using an improper fuse may cause damage to the unit and result in a fire.

Before you start

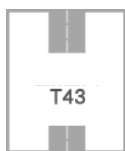
What's in the box

- a Cydle GPS Navigation
- b Quick Start Manual
- c Cydle Navigator Cradle
- d Super Suction Mount
- e DC Car adaptor
- f USB cable
- g Ext. FM Radio antenna

Getting to know and start...



a Cydle GPS Navigation



b Quick Start Manual

Installing in your automobile

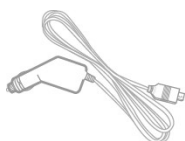


c Cydle Navigator Cradle



d Super Suction Mount

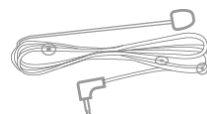
Charging and connecting



e DC Car adaptor

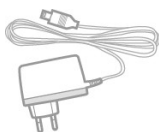


f USB Cable



g Ext. FM Radio antenna

Sold separately



AC adaptor



Ext. GPS ANT



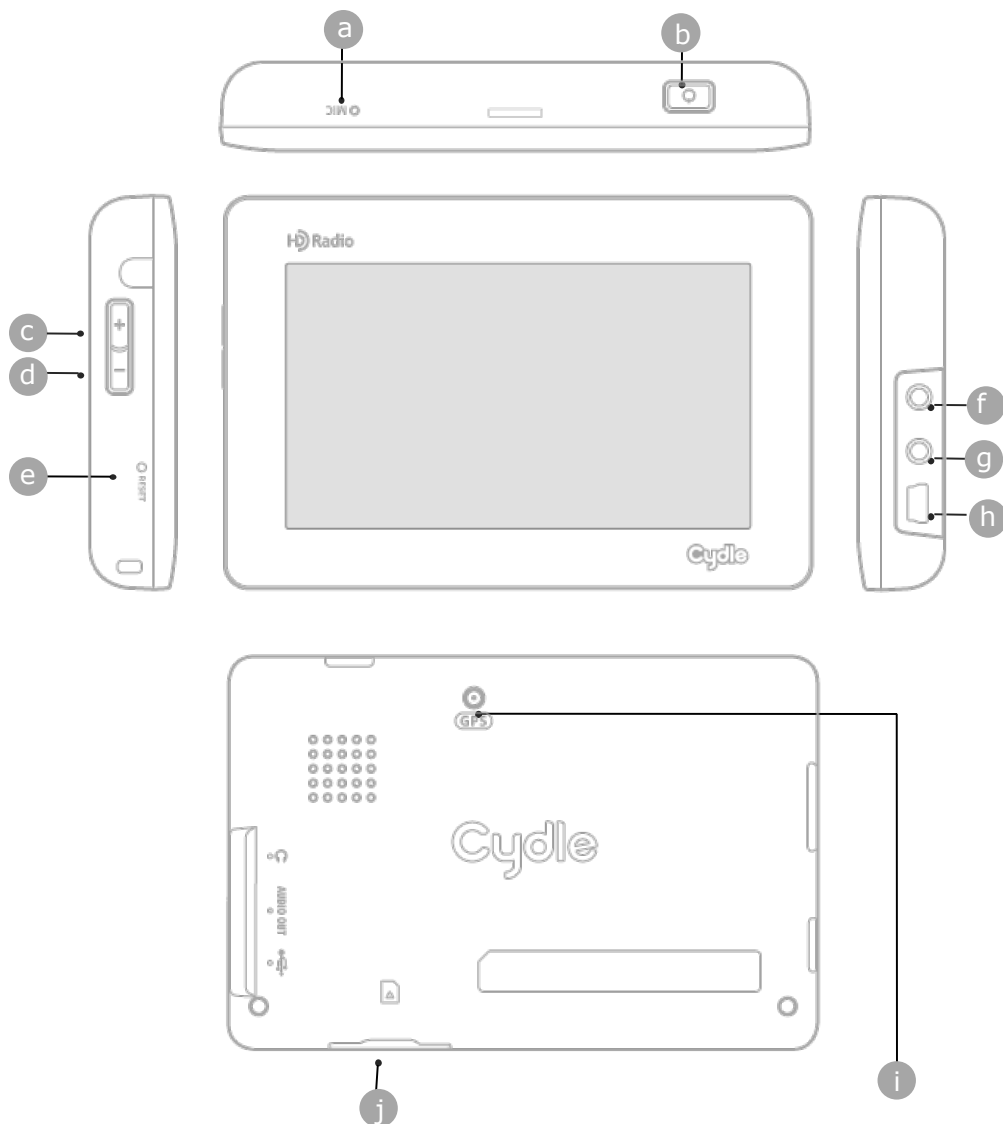
Earphone

NOTE :

In Support section of Cydle site, you can download the electronic manual with detail information and various language format for using T43H.

Before you start

Name of parts



Name of parts

- | | |
|--|---|
| a Microphone(Applied to only Bluetooth model (T43HB)) | f Earphone connector/
Ext. FM Radio antenna connector |
| b Power Button | g Audio out connector |
| c Increase Volume | h USB port /Car Battery Adaptor connector |
| d Decrease Volume | i External GPS Antenna connector |
| e Reset Button | j SD slot |

Before you start

Installation

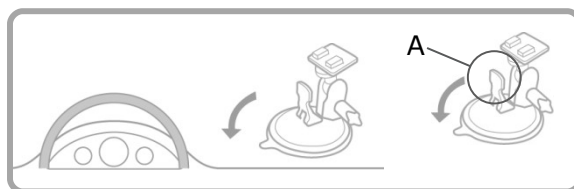
This unit is designed to install on dashboard or windshield found in every vehicles. Please install your unit in safe manner.

NOTE: It is the end-users' responsibility to install and operate this unit in a manner in accordance with local, state and federal laws.

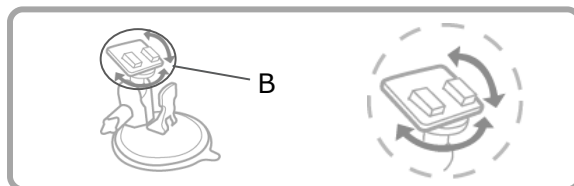
Installing on Dashboard

1. Clean the area where your unit is installed with rubbing alcohol and a soft cloth. Allow to dry.

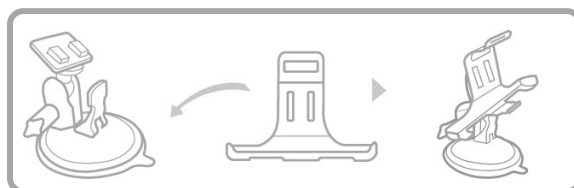
2. Push the pedestal suction cup firmly to connector, then flip the number A lever down to secure the suction cup.



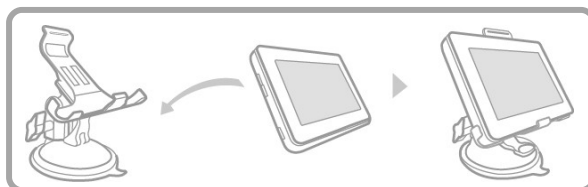
3. Use the number B knobs to adjust the angle and rotation of the pedestal to provide the best visibility.



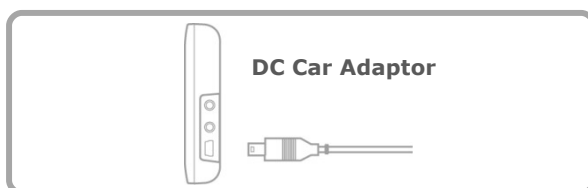
4. Attach the cradle onto the suction cup.



5. Place your device in the cradle. Press the whole front surface of the cradle toward the mount until it clicks. The unit is now fixed in the cradle.



6. Insert the power adapter into the cigarette jack and connect it to the DC input of the navigation cradle to turn on the power.



Before you start

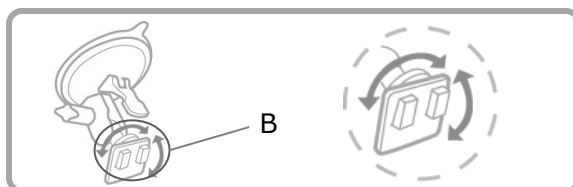
Installing onto the windshield

1. Clean the area where your unit is to be installed with rubbing alcohol and a soft cloth. Allow the area to dry thoroughly.

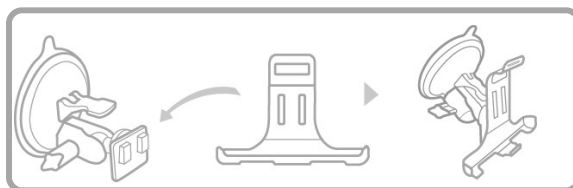
2. Push the pedestal suction cup firmly to the connector, then flip the number A lever down to secure the suction cup.



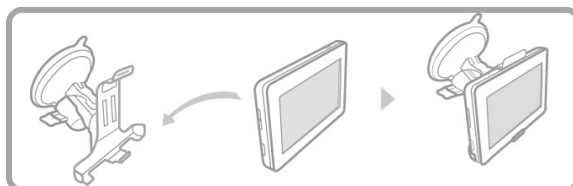
3. Use the number B knobs to adjust the angle and rotation of the pedestal to provide the best visibility.



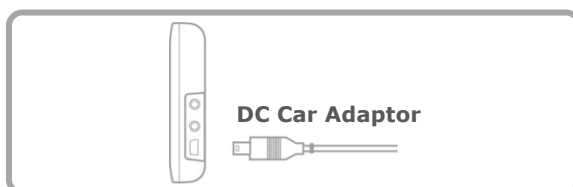
4. Attach the cradle onto the suction cup.



5. Place your device in the cradle. Press the whole front surface of the cradle toward the mount until it clicks. The unit is now fixed in the cradle.



6. Insert the power adapter into the cigarette jack and connect it to the DC input of the navigation cradle to turn on the power.



NOTE :

- Once the cradle is attached, you can adjust the angle of the adhesive bracket by applying gentle pressure to the top or bottom of the cradle.

Before you start

NOTE :

- Please make sure that you install the navigator where it does not block the driver's view.

- Do not install the product over an air bag cover or within the air bag deployment zone.

CYDLE has no responsibility of liability for injury or death as a result of car crashes and/or air bag deployment.

- The navigator cradle may fall off the windshield if it is attached to the windshield with a suction cup for an extended period of time. To prevent this, please rest the navigator on the dashboard while it is attached to the windshield. When not in use, please detach it from the windshield and store the unit safely.

- Do not pull the front of the navigation cradle forcefully or abruptly as it may break off.

Before you start

Connecting to the External FM HD Radio antenna

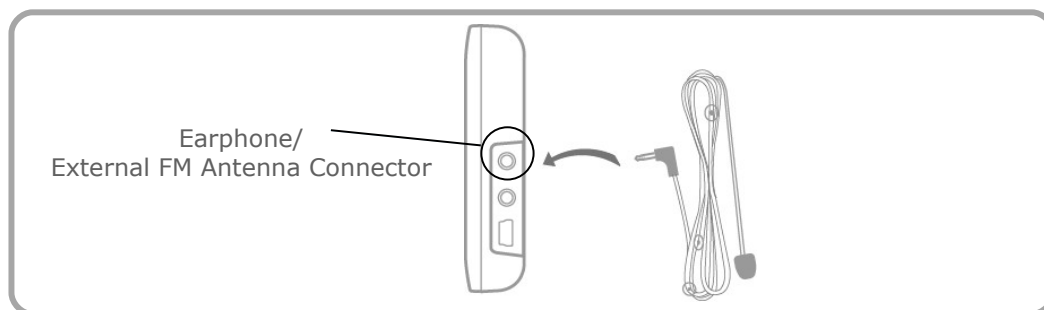
< Improving reception >

This unit is designed to receive digital radio channels and traffic information using HD Radio Technology.

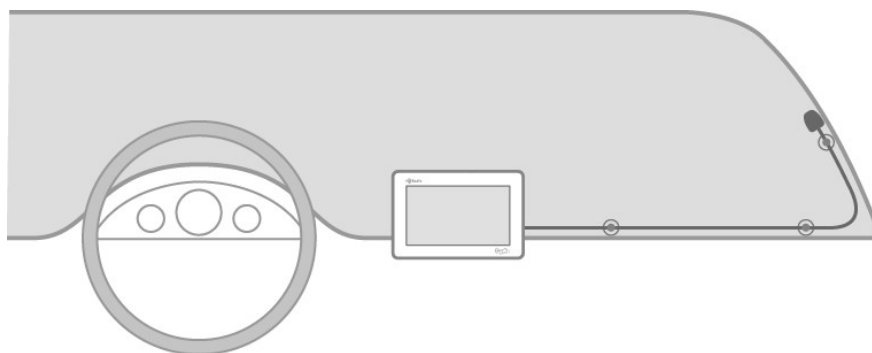
To improve HD Radio reception, an external FM HD Radio antenna is included with the package contents.

1. After installing your unit on the dashboard or windshield, please connect the external FM antenna to improve HD Radio reception.
You can find the Earphone/External antenna on the unit's upper-left side.
(see page 8)

2. Connect to the External FM antenna.



3. Attach the External FM antenna onto the windshield with Vinyl suction cups.

**Note:**

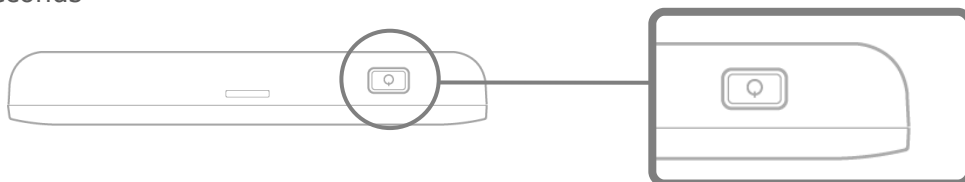
Please make sure that the device is in an open space away from tall objects such as buildings or trees. Reliable HD Radio reception is highly dependent upon antenna placement and the features of your car such as windshield reflective shielding.

Before you start

Switching on and switching off

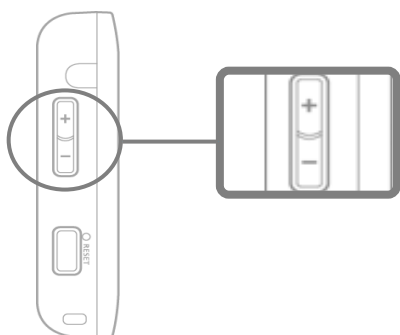
The power switch is located on the upper right side of your unit as shown in the Name of Parts chapter.

- **Powering your unit on :** Press and hold the Power switch for more than 3 seconds
- **Powering your unit off :** Press and hold the Power switch for more than 3 seconds



Volume up and Volume down

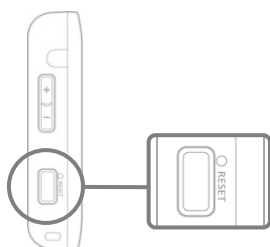
There are two ways to use volume controls. One is tapping the speaker icon and the other is pressing hard keys.



- The volume control is located on the right side of the unit.
- In order to increase or reduce the volume, press the volume control upwards or downwards.

Reset

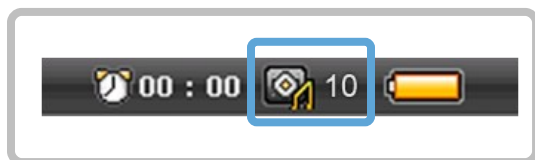
Faults in the operating system or the unit will not response to your order. If the desired function cannot then be executed, the unit should be restarted using the reset button.



- The reset button is located on the left side of the unit.
- Press the reset button with a sharp object such as a pin or pencil.

Before you start

Speaker icon and Mute



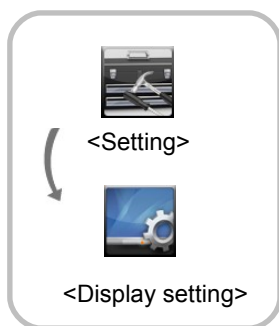
- The speaker icon is located at the top of the screen. It indicates the current volume level from Mute to 12 level. (Default volume level is 10 level)




- In each application, the Mute button will allow you to set volume "0 level" with one easy click. The speaker icon indicates that the volume is muted.
- To cancel the mute function, simply tap the Mute button again and T43H will automatically un-mute.

Back Light off to save power

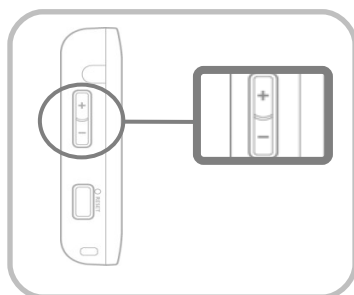
Your unit can be set up to automatically shut down LED backlight of the screen using the time duration that you can select. Your unit will automatically turn the back light off after the time duration has passed when the touch screen hasn't been touched.



1. Tap on SETTING in the main menu screen.
2. Tap on Display setting.
3. Tap on Back Light  and set the time duration ; Never, 1minute,...
(Default setting of Back light option is 10 sec.)

< Back Light on >

Just gently press the volume key (increase or decrease), then the unit will unlock.



If your unit is connected to a DC adaptor or USB cable, the Back Light will not be off even you already set "Never " in Back Light setting

Before you start

Battery saving mode



You can use Battery saving mode when you're not using your unit but you don't want to turn it off.

Using Battery saving mode significant electrical consumption and also allows you to avoid having to wait for your unit to reboot.

When you press and hold the Power switch for 2 seconds, your unit will be under the Sleep/Wake up. When your unit is locked, nothing happens if you touch the screen.

Battery notes



In the upper right side of screen, the Battery icon indicator will describe the status of the remaining internal battery level.



Battery is fully charged.
Please fully charge the battery without interrupting the charging.

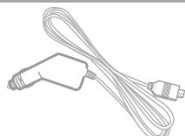
Before you start

Charging the battery




USB Cable

The USB port is used to link the unit directly to a personal computer. Through the USB port in the unit you can charge your battery as well.



DC adaptor

The DC adaptor included in the box allows you to charge the battery efficiently. When your unit is being charged with the DC adaptor, the battery icon  will be changed to the DC adaptor icon.

1

The link involves several steps as shown below. Connect your unit to a USB port on your PC using the cable that came with your unit. You can find the USB port at the right side of the unit.



2

The unit automatically sets up a mass storage mode and displays a message such as "Mass storage mode. The unit will link to the PC. Would you like to connect to the PC directly?".



3

Click "No" to start charging the battery. System will start charging the battery displaying the main menu screen. Please fully charge the battery without interrupting.



4

To stop charging battery via USB, just disconnect the USB cable from the PC. Then System will shut down right after the disconnection. Please power the unit on by pressing the Power key for 3 seconds to start again.



**NAVIGATION**

Get to your destination more quickly with clear guidance from your T43H.

**HD Radio**

Listen to FM channels with clear high definition sound.

**MOVIE PLAYER**

Watch movies transferred from your PC or SD card.

**MUSIC PALYER**

Listen to songs transferred from your PC or SD card with clear sound .



PICTURE VIEWER View pictures with rotation view and full screen view.

**CALCULATOR**

Add, subtract, multiply and divide.

**UTILITY**

Use the calendar of your T43H.

**SETTING**

Set up and adjust all of your T43H settings in one convenient place.

Getting started GPS



To start Navigation , Click the icon for Navigation in menu screen. Cydle T43H has Cydle XE traffic preinstalled as navigation software. Cydle XE traffic will start by showing Driving view with along detail information about your current position, speed, destination and more.

Getting started. Initial Screen.

< Declaration screen >



After GPS starts, you will see the declaration screen as shown above.

< Map screen features – Normal mode>

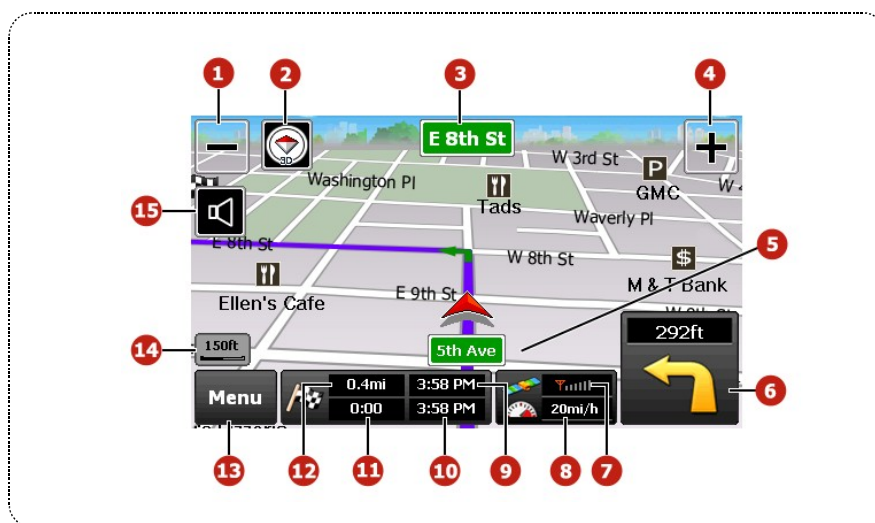


The navigation system automatically locates your current position on the map by receiving GPS signals. If the navigation system doesn't receive GPS signals properly, it could take some time to locate your current position. Please refer to page 39 <Information> numbers 4 through 9 for GPS signal disturbance.

Getting started GPS

Driving View

The navigation system automatically locates your current position on the map by receiving GPS signals. If the navigation system doesn't receive GPS signals properly, it could take some time to locate your current position.



1	Zoom out: Zooming out from level 1 to level 21
2	Compass: By tapping this icon, you can change the map display mode To Track up , North up or 3D view. (Refer to Settings>Map View for more information)
3	Next street name
4	Zoom in: Zooming in from level 1 to level 21
5	Current street name
6	Turn-by-Turn instruction: Indicates next guidance information (Tap this icon to go to Turn-by-Turn screen)
7	GPS signal reception: Tap this icon to go to GPS Status/information page
8	Current speed

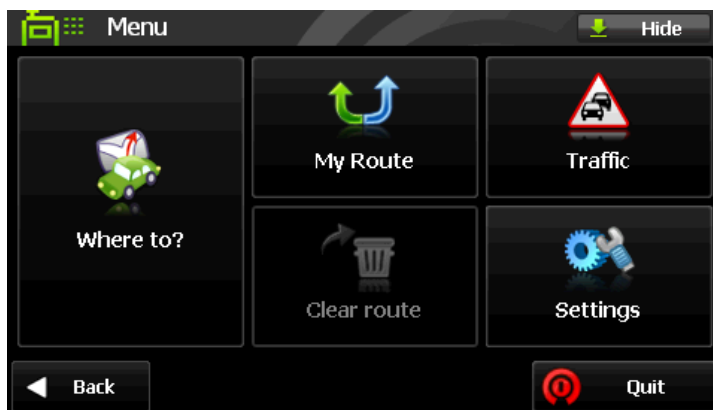
Getting started GPS

9	Current time
10	Expected time to arrival at destination
11	Remaining travel time from current position to destination
12	Remaining travel distance from current position to destination (To go to Route Summary page, tap anywhere from 9-12)
13	Menu button: Tap to go to Menu
14	Map scale: Indicates current map scale level
15	Voice guidance repeat button: Repeats the last voice instruction

Getting started GPS

Menu page

The main menu can be accessed by pressing the 'Menu' button on the map screen. Descriptions of each button are as follows.



- 1) **[Where to?]** Search for a location in various ways.
- 2) **[My Route]** Editing the current route or retrieving the current route information.
- 3) **[Traffic]** Traffic information menu.
- 4) **[Clear route]** Remove all existing locations from route.
- 5) **[Settings]** Customizing settings of the navigation system.

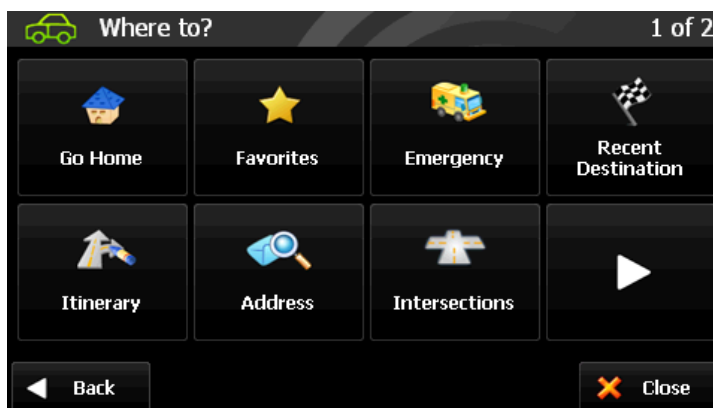


Navigation is minimised but not closed

Finding your destination

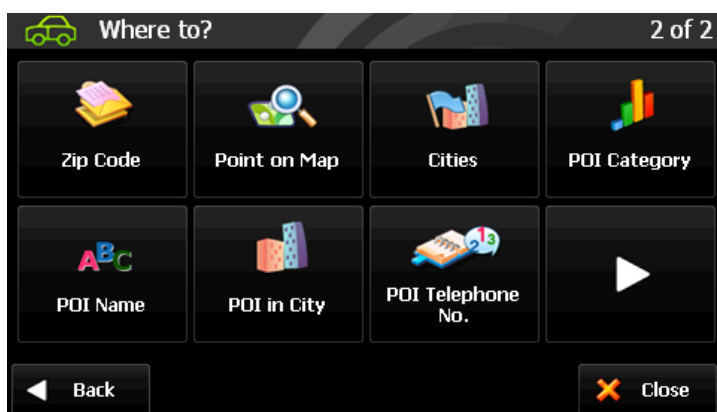
a. Where to?

The following 'Where to?' screen is accessed by pressing the 'Where to?' button on the <Menu> screen. Users can easily search for a location in different ways according to their purpose or preference.



- 1) **[Go home]** Searching for your home location saved on your favorites list.
- 2) **[Favorites]** Searching for locations saved to your 'Favorites'.
- 3) **[Emergency]** In case of emergency, quickly search the nearest point of interest from your current position without any complicated searching procedures.
- 4) **[Recent Destination]** Presents a list of recently searched destinations.
- 5) **[Itinerary]** Create or edit itineraries.
- 6) **[Address]** Searching for addresses.
- 7) **[Intersections]** Searching for intersections.
- 8) **[▶]** Go to page next page in "Where to?" menu.

Finding your destination



9) **[Zip Code]** Searching for locations by zip code.

10) **[Point on Map]** Searching for locations by pointing on the map.

11) **[Cities]** Searching for locations by city name.

12) **[POI Category]** Searching for POI around your current position.

13) **[POI Name]** Searching for locations by POI (Point Of Interest) name.

14) **[POI In City]** Searching for a POI in a certain city.

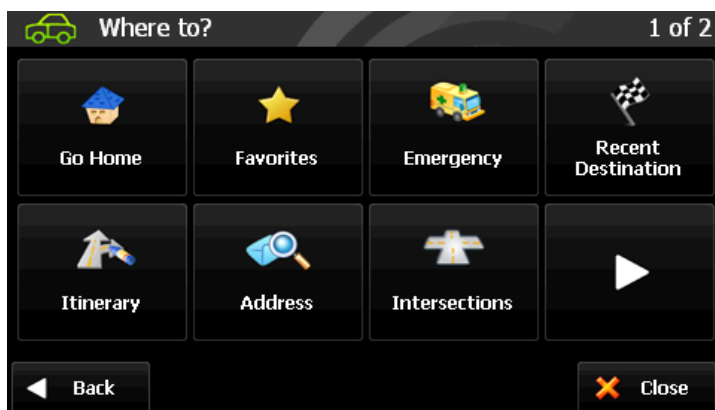
15) **[POI Telephone No.]** Searching for locations by telephone no.

16) **[▶]** Back to previous page in "Where to?" menu.

Finding your destination

Home

This function allows you to quickly navigate to your home. You can also search for your home location via 'Favorites'.




Select 'Go Home' on [Where to?] screen.

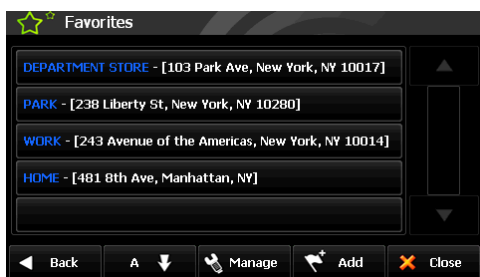
This [Go Home] button will be activated if you registered your home location via [Add to favorites] explained on page 25 or [Settings]>[Home]. Only one place can be registered as the home location. You can change your home location via [Settings]>[Home] and also delete it via [Settings]>[Manage Favorites].


Finding your destination


Favorites

This function allows you to save addresses or Points of Interest (POI) that you frequently visit; for example, you may want to save your work address or friend's address so that you can quickly and easily navigate to it.

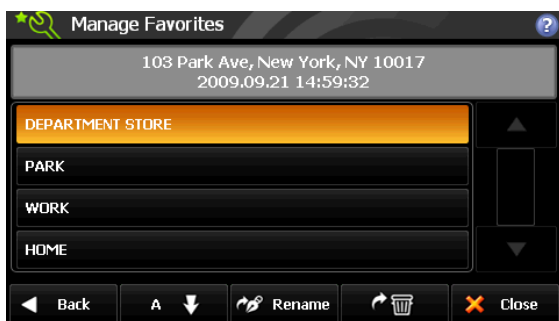
1. Select 'Favorites' on [Where to?] screen.
2. Press the  **Add** button to add a location to your favorite list.
3. To navigate to a favorite, simply tap on the favorite name.



Select  to order existing favorites alphabetically.

Select  to order existing favorites by the date / time of when you created the favorite entry.

4. Select the manage button,  **Manage** to edit, rename or delete your favorites.



5. Press the rename  **Rename** button to rename a favorite.

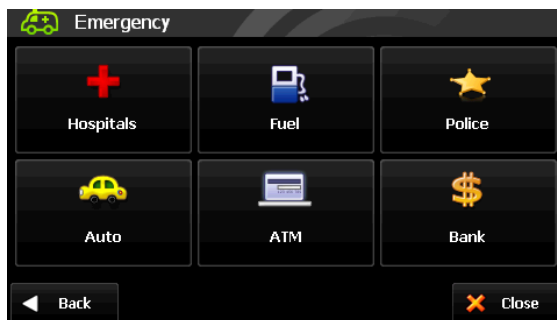
6. Press the delete  button to delete a favorite.

The [Home] favorite also appears in the favorite list. You can edit, change or delete the [HOME] location via [Menu]>[Settings]>[HOME].

Finding your destination

Emergency

In case of an emergency, quickly search the nearest emergency point of interest (e.g. hospital) from your current position without any complicated searching procedures. It will then find a route and start guidance automatically.



Recent Destination

Searching for recent destinations.

(Automatically saves up to twenty destinations.)



1. Select 'Recent Destination' on [Where to?] screen.
2. It will list recent destinations.
3. Select one of locations on the list then tap 'Next' button.

For sorting by name tap



For sorting by time tap



Finding your destination

Address

Searching for a location by using address.

<City Search>

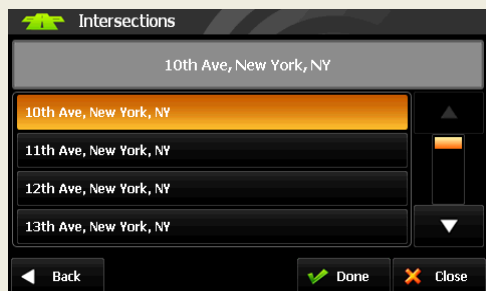
<State/Province Search>


<Street Search>

<House number. Search>

1. Select 'Address' on [Where to?] screen.
2. For your convenience, previously searched state/province name and city name are initially selected on the first stage of address search. If you want to change state/province, tap [Change] button. For State/Province search, you can search by either the full name (e.g. New York), or abbreviation (e.g. NY).
3. Search for a city name by typing letters. Then choose it on the result list. (Only valid next letters appear.)
4. Search for a street name by typing letters then choose it on the result list.
5. Reconfirm your state/province, city, and street choices on the top of <House number. Search> page, then type the House no. and tap 'Done' button.

Finding your destination



(Instead of searching [House No.], searching by intersection is also possible. Tap this intersection image button , then it will list intersections of the selected street. Select one on the result list, then tap 'Done' button.)

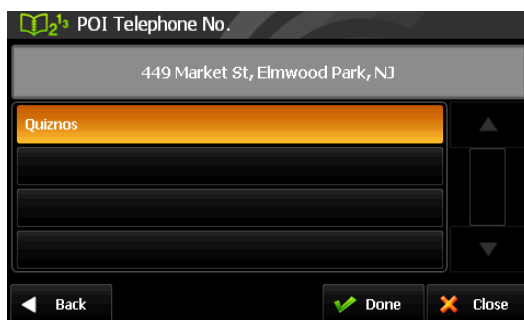
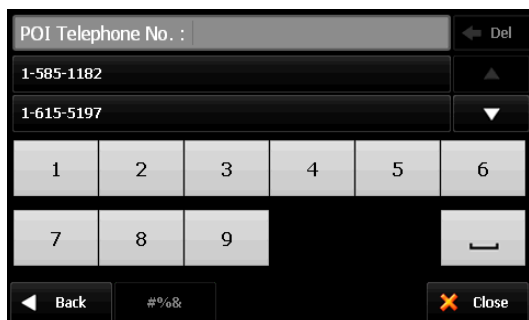
Intersections

Searching for a location by using intersection.

1. Take the searching steps [STATES]-[CITY]-[STREET], then it will list intersections of selected street. Select one on the result list, then tap 'Done' button. (Refer to image screens on page 27 for searching steps.)

POI Telephone No.

Searching for a point of interest location by using Telephone No.



1. Select 'Telephone No.' on [Where to?] screen.
2. Search telephone number by typing numbers.
3. Tap one on the list that you are looking for, then it will list address information corresponding to the selected telephone number. Select one on the result list, then tap 'Done' button to proceed.

Finding your destination

Zip Code

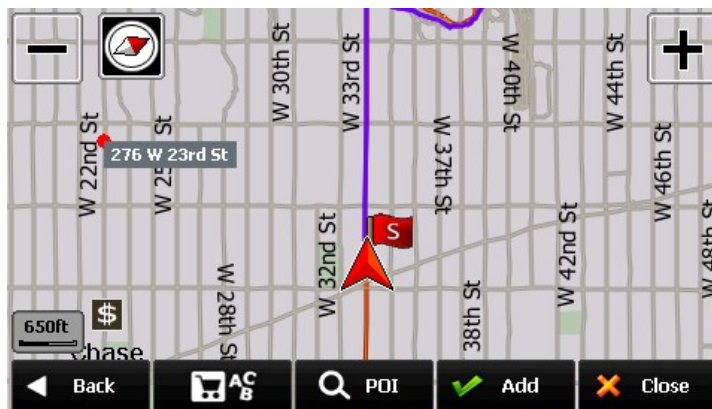
Search for a location by using zip code.

State/Prov : New York [NY]						Change
Zip Code : 10						← Del
10001 (New York)						▲
10002 (New York)						▼
1	2	3	4	5	6	
7	8	9	0]
◀ Back		ABC		✖ Close		

1. Select 'Zip Code' on [Where to?] screen.
2. After searching zip code, proceed to the next searching steps [Street]-[House no.] or [Intersection]. (Refer to address search on page 27.)

Point on Map

Searching for a location by pointing on the map.




1. Tap: Tap anywhere on the map and you will see the street address. Press the done button to set this location as your destination or via point.
2. Pan: Press and drag the map to pan in any direction.
3. Find a POI nearby the chosen point on map by tapping find POI button.

POI

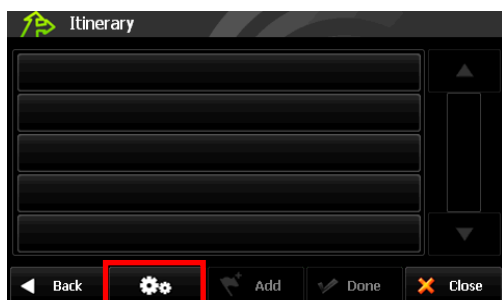
Finding your destination

'Point on Map' may be accessed at any time simply by tapping on the main map window.

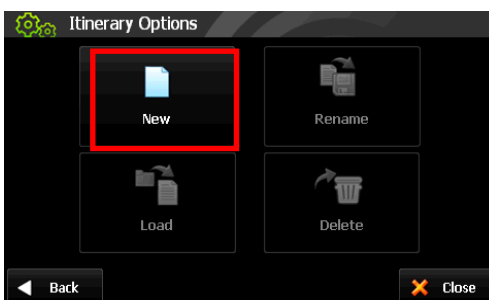
To change the labeling option on the map, tap the button . You can turn on and off three map labeling options: 'Street Name', 'POI Symbol & Name', and 'Favorites Symbol & Name'. Refer to [Settings]-[Label On Map] on page 28 for more information.

Itinerary

In this page, you can plan the details of your itinerary. For convenience sake, you can save your itinerary so that you can easily start travelling without any searching steps next time.



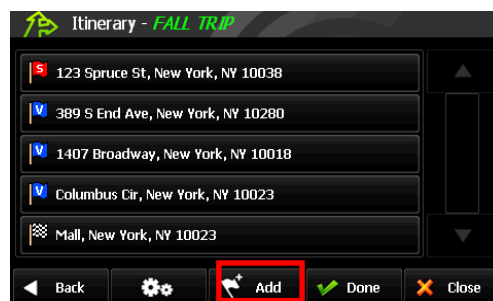
<Current Itinerary (Initially empty)>



<Itinerary Options>




<Itinerary name>




<Current Itinerary (Recently planned)>

Finding your destination

1. The initial itinerary page is empty. To plan a new itinerary, tap .
2. Select [New] button, then enter a name for a new itinerary. Tap 'Done' button.

- **Start Navigation:** Start travelling.
- **New:** Create a new itinerary.
- **Rename:** Rename the current itinerary.
- **Load:** Load one of itineraries.
- **Delete:** Delete one of itineraries.

3. To add a location to your itinerary as departure, via point, or destination, tap .

If you select a location on the list, it will present six options for editing the selected location.



- **Destination:** Set a selected location as destination.
- **Move up:** Move up a selected location in the itinerary.
- **Move down:** Move down a selected location in the itinerary.
- **Delete:** Delete a selected location.
- **Show On Map:** This function will take you to the selected location on the map.
- **Find nearby POI:** This function will allow you to find nearby POI around the selected location. When you select this function, you can see POI category screen.

Finding your destination

Cities

Search for the center of city. After taking searching steps [STATE]-[CITY], press [Done] when ready.

Refer to [STATE]-[CITY] searching steps on page 27.

POI Name

Searching for a location by using POI name.

State/Prov : New York [NY] Change

City : New York, NY Change

PARK ← Del

A B C D E H I
 K L M N O P R
 S T U V W _

◀ Back 123 ✖ Close Next ▶

PBC POI Name

Park Ave Car Care Ctr Corp
 Park Ave Deli
 Park Ave Deli & Pizzeria
 Park Ave Deli Restaurant
 Park Ave Family Healthcare Ctr

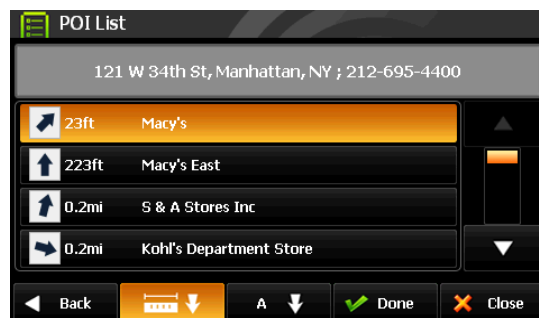
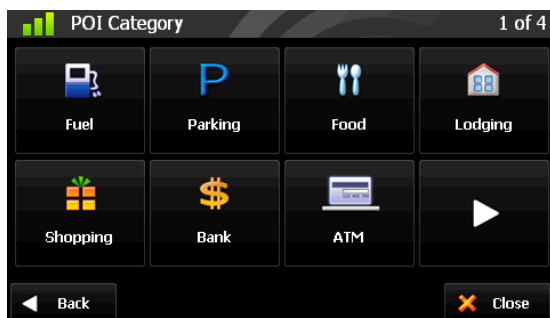
◀ Back ✖ Close

1. Select 'POI Name' on the [Where to?] screen.
2. The previously searched state/province name and city name are initially selected. If you want to change state/province or city, tap [...] button. Type POI Name then tap 'next' button. It will list valid POI names corresponding to the letters you've typed. Select one of the POI names that you're looking for, then it will list all valid locations with address information. Choose one and then tap 'next' button. (When typing, only next available letters appear.)
3. Press [Done] when ready.

Finding your destination

POI In City

Searching for a POI in a particular city.



1. [POI Category] screen (left screen image) is shown when you finish [State/Prov]-[City] searching steps. The 28 POI categories are arranged in the order of frequency of driver's use. (Refer to 'Address' search on page 27 for [State/Prov]-[City] search.)
2. Select one of POI categories, then it will list POIs in order of distance from current position. Tap to order alphabetically, or tap to order by distance. Select one POI, then tap next button.



Some POI categories have sub menus; for example, the Food POI category contains a sub menu for various cuisine types.

POI In Category

Searching for POI around the current position.

Since this searching is based on your current position, there is no area selection steps ([State/Prov]-[City]). Other searching steps are the same as POI In City.

Finding your destination

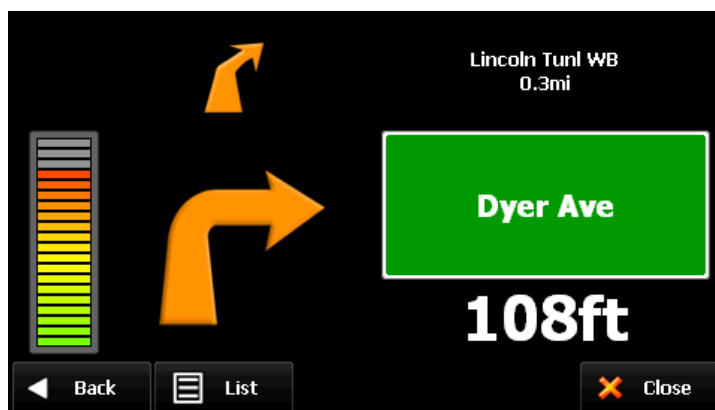
Start Travelling Guidance



To start guidance, you should tap the start button on the [Route Summary] page. The above screen image is the captured image when traveling guidance has begun. (Refer to <Map screen features – Traveling guidance mode> on page 3 for an explanation of map features.)

Turn by Turn

The Turn by Turn Screen offers a more simplified guidance mode. To access this screen, simply tap the bottom-right maneuver picture on the main map screen, or, go to [Menu] > [My Route] > [Turn by Turn].




The Turn By Turn mode presents a enlarged maneuver image and text to indicate the next turn. The distance remaining to the next maneuver is indicated by the distance bar on the right.

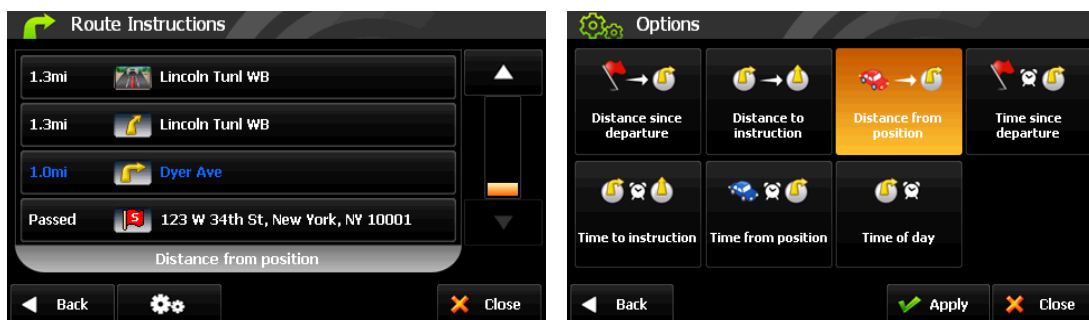
The second maneuver is displayed at the top of the screen with a smaller image and text.

Finding your destination

< Turn List >

The Turn List presents a full list of all maneuvers for the journey. This screen may be accessed by pressing the List button  List in the Turn by Turn mode.

The default setting of this option is 'Distance from position'. If you want to change this option, tap 'Options' button at the bottom of screen.



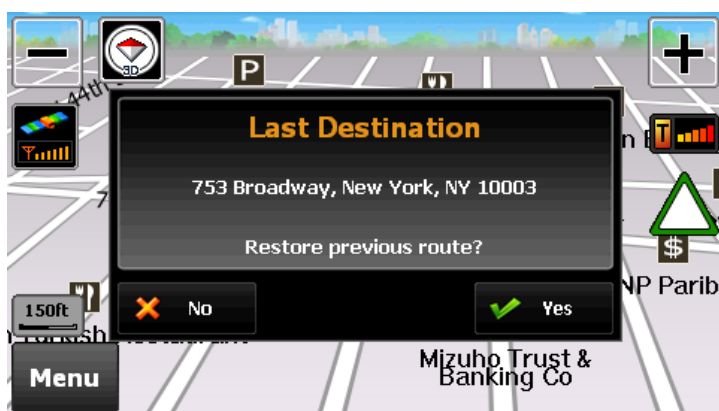
- **Distance since departure**
Shows distance from departure to each turning point.
- **Distance to instruction**
Shows distance from previous turning point to next turning point.
- **Distance from position**
Shows distance from current position to each turning point.
- **Time since departure**
Shows required time from departure to each turning point.
- **Time to instruction**
Shows required time from previous turning point to next turning point.
- **Time from position**
Shows required time from current position to each turning point.
- **Time of day**
Shows expected time when arrived at each turning point.

Finding your destination

Turning off device before journey is complete.

In case of unexpected shutdown during the journey, the navigation system will remind you of the last destination when restarted. If you want to restore your previous route, select 'Done' button. Otherwise select 'Cancel' button.

In addition to this, any VIA point that was unreached in the journey will be remembered. By going to [Menu] > [My Route], you can check via and destination points.

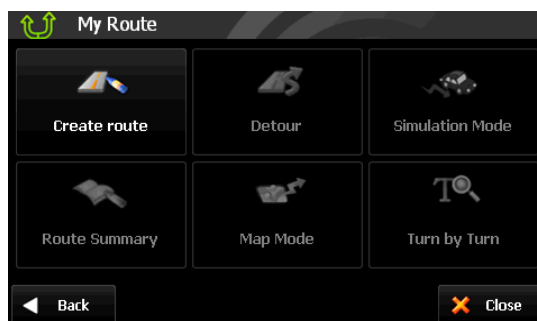
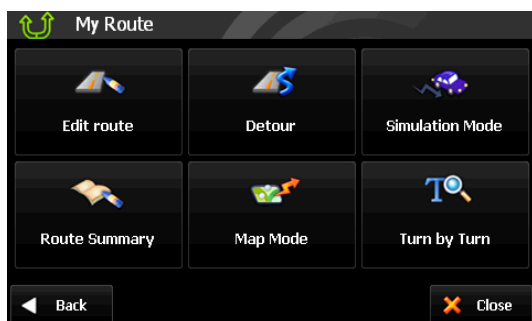


Finding your destination

b. Route options

Routing Options may be used to create a new route or to edit an existing route. Create Route / Edit Route buttons will change depending on situation.

Manage your route



- **Create Route / Edit Route**

[Create Route] is available if a route has not been set.

[Edit Route] is available if a route has already been set. Use this option to edit your existing route.

- **Detour**

Allows you to avoid part of the route, a roadblock, or to set a travel Via point.

- **Simulation Mode**

Starts a driving simulation of the route.

- **Route Summary**

Go to the route summary page.

- **Map Mode**

Displays a full map of your route.

- **Turn by Turn**

Displays a simplified guidance mode with no map.

Finding your destination

Create Route

This function is available if no route has been set.



- **Add a Location to your route**

Press the ADD button to add a location to your route. For short routes, you may add up to 20 Via Points . The number of Via Points may be less for longer routes.

- **Position the location within the route**

The first location you set automatically becomes the destination. You may add another location to this route by pressing the ADD button. Additional locations added become either Departure points, Via Points or Destination points depending on their respective position within the route list. You may rearrange your route simply by selecting the location and choosing to move up, down in the list.

- **Save Route**

Press the save button to save your route. This route may be accessed at a later stage via the Itinerary menu.

Where to > Itinerary

- **Calculate Route**

When finished, press the DONE button to calculate the route.

Finding your destination

Edit Route

This function is available if a route already exists.



- **Add a Location to your route**

Press the ADD button to add another location to your route.

- **Position the location within the route**

The first location you set automatically becomes the destination. You may add another location to this route by pressing the ADD button. Additional locations added become either Departure points, Via Points or Destination points depending on their respective position within the route list. You may rearrange your route simply by selecting the location and choosing to move the location up or down in the list.

- **Find POI nearby any location**

Simply select the location and choose 'Find Nearby POI'. After selecting the POI, it will be added to your route.

- **Save Route**

Press the save button to save your route. This route may be accessed at a later stage via the Itinerary menu: [Where to] > [Itinerary]

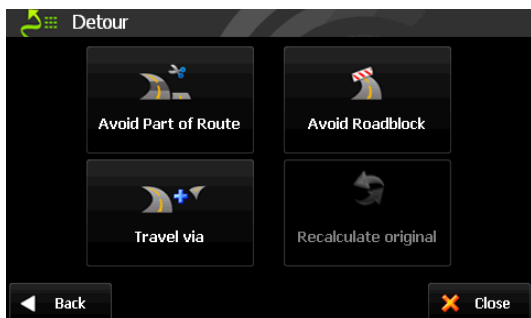
- **Calculate Route**

When finished modifying the route, press the DONE button to calculate.

Finding your destination

Detour

This function is for editing your route. After editing your route preferences, the navigation system will recalculate a new route automatically.



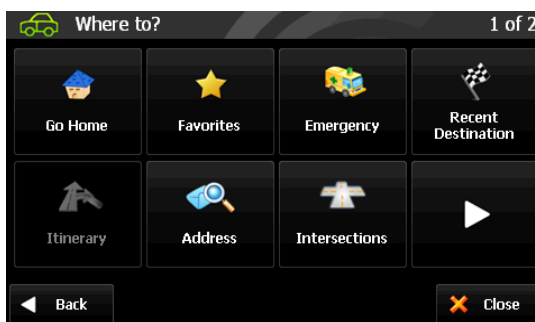
<Detour Menu>



<Avoid Roadblock>



<Avoid Part of Route>



<Travel via>

You can change your route via four functions as follows:

- **Avoid part of route**

Make a detour to avoid some part of existing route.

- **Avoid roadblock**

Make a detour to avoid a roadblock. You can set 100ft, 300ft, 500ft, 1mi, 2mi, or 3mi as a length of roadblock. For example, if you are stuck in traffic because of a construction site or a car accident ahead of you, you can apply the relevant distance to roadblock, and the navigation system will make a detour to avoid that roadblock.

Finding your destination

- **Travel Via**

Add a via point to your route.

This will bring you into the normal [Where to] screen. Choose from any of the available methods to find a location to add to your route.

- **Recalculate Original**

This button allow you to recalculate the original route by removing any detours or others changes that may have been set.

Finding your destination

Route summary page

If your decision on [Route Decision] page created a route and [Settings]-[Routing Options]-[Show 'Route Summary' page automatically] option in setting is enabled, the [Route Summary] page will show up. In this page, you can check route information such as total distance, time, etc. It's also possible to reroute via three options as follows.



- **Faster Time**

Reroute considering faster time.

- **Shorter Distance**

Reroute considering shorter distance.

- **Avoidances**

Reroute with road avoidance options such as U-Turns, Toll Roads, Carpool Lanes, and others.

<Fuel cost> represents an estimated cost for your trip.

Fuel prices and fuel consumption for your vehicle may be adjusted by going to [Menu] > [Settings] > [Fuel Cost]

Traffic information using HD Radio Technology

HD TMC: Real-time Traffic Information

Your device is equipped to receive real-time traffic information. The traffic service is only available in certain areas. The device must be in data range of a radio station transmitting traffic data in order to receive traffic information.

Cydlle is not responsible for the accuracy of the traffic information. Using a special radio receiver, the device simply receives traffic data from a traffic service provider and displays this information on your product. Pay attention to changes in traffic conditions or incidents which may not be reported by this service.

Traffic Service Status

On the main map, the radio reception indicator will describe the status of traffic service status.



- **Grey 'T' and no signal bars**

This means that you are not in within range of a radio station broadcasting traffic information, or, the traffic system is still searching for a radio station.



- **Grey 'T' and strong signal**

The system is tuned to a radio station broadcasting traffic information, but no traffic information has been received yet.




- **Orange 'T' and strong signal**

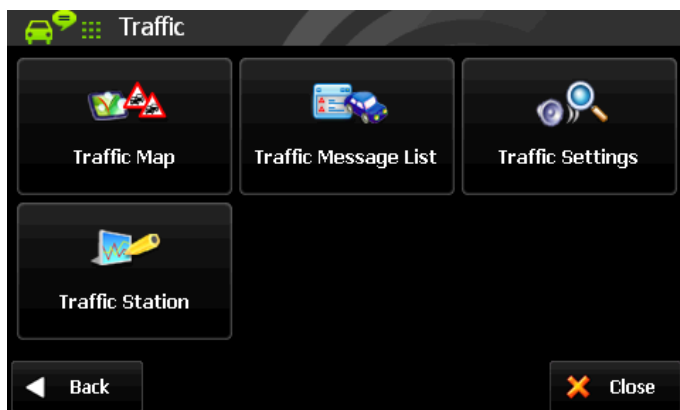
The system is tuned to a radio station broadcasting traffic information and traffic information has been received for your area. A blinking letter 'T' indicates that new traffic information is being received.

Due to the large volume of traffic information being broadcast, the system only considers traffic information within a 50km radius of your vehicle's position.

Traffic information using HD Radio Technology

Traffic Menu

The Traffic Menu allows you to access all pages that are related to traffic information. It can be accessed by Pressing the Traffic button on the Main Menu, or by pressing the radio reception indicator  on the main map.



The <Traffic Map> and <Traffic List> will only contain traffic information once the system is a) tuned to a radio station broadcasting traffic information and b) traffic information has been received for your area.

Traffic On Route



Access Traffic Map: A green/white triangle is shown whenever a valid HD TMC station is available. Pressing this will bring you to the traffic map.



Traffic on Route: If a traffic event occurs on your route, a red/yellow triangular traffic symbol will appear on the main map. The number of events on your route will be displayed in the center of the symbol. In addition to this, a chime will sound for every new event received that affects your route.

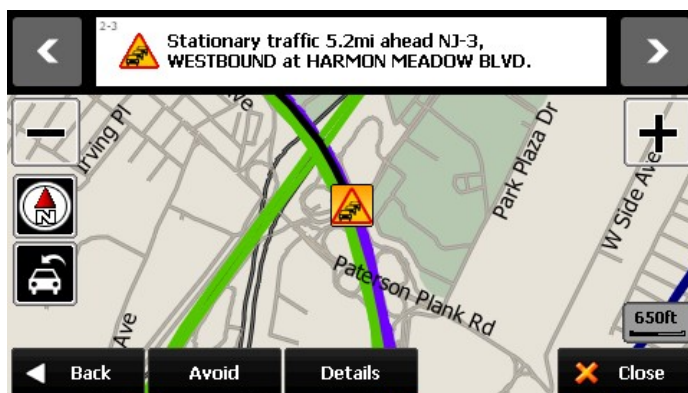
In the example above, three (3) incidents have been reported for your route.

To get more details on these traffic incidents, or get the option to avoid these events, simply tap the traffic symbol to see the traffic map.

Traffic information using HD Radio Technology

Traffic Map

The traffic map will present summarised information about the traffic incident(s) affecting your route. The traffic symbol indicate the type of traffic event.



- **Next / Previous**
Scroll through the list to see the multiple events that exist on your route.
- **Avoid**
Press Avoid to reroute around the traffic incident.
- **Details**
Press Details to go into a page with full details on the traffic incident.
- **Close**
Press close to exit this traffic map and return to Main Map.

Traffic Flow

The Traffic map contains traffic flow information. The line colors green, yellow, red and black represent the speed at which traffic is moving.

Line Colour	Meaning	Speed Range
	Free flow	41-55 MPH (65-88 km/hr)
	Slow	23-40 MPH (36-64 km/hr)
	Heavy	11-22 MPH (17-35 km/hr)
	Stopped	0-10 MPH (0-16 km/h)

Slow and heavy congestion will appear in the Traffic List (On Route and All Messages).

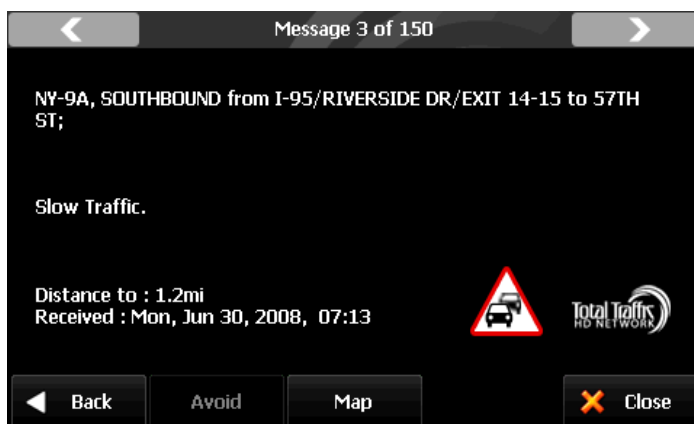
Free flow message are not included in the Traffic List.

A line color is placed to the left of the traffic symbol in the list. Refer to <Traffic List> section for more details.

Traffic information using HD Radio Technology

Traffic Details

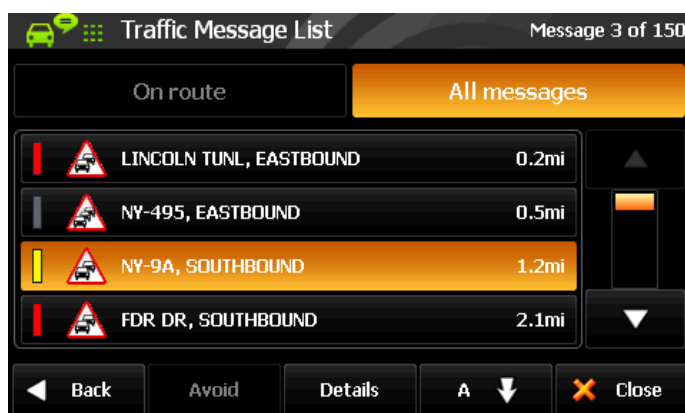
At times, you may need to get more information on a specific traffic event. When in the traffic map or List page, press 'Details' to access this page.



Traffic List

Traffic messages are organized into two groups:

- On Route: Traffic events on your calculated route. You may only avoid 'On Route' traffic events.
- All Messages: Traffic events that are within 50km of your vehicle's position. This includes events on your route. The Avoid option is not available for Off Route events.










































Events can be organized by distance to, or road name. The "Distance" value for On Route events is the road distance to the event. The "distance" value for events not on your route (i.e. All Messages) is direct-line distance sometimes known as "as the crow flies".

Traffic information using HD Radio Technology

Traffic Classes

Traffic messages are organized into classes and each class has a name and symbol. This symbol will appear next to each event in the list, detail and map.

Class	On Route	Off Route	Avoided
Danger			
Poor visibility			
Slippery roads			
Heavy winds			
Severe weather			
Accident			
Road closed			
Stationary traffic			
Queuing traffic			
Delays			
Restrictions			
Road construction			
Information			

The traffic classes are color-coded to indicate their status:

- On Route: These "Red & Yellow" icons appear for "On Route" event only. These messages are listed in the "On Route" list.
- Off route: These 'Red & White' icons indicate events not on your route. These messages are listed in the "All Messages" list.
- Avoided: This symbol will appear to indicate if the event has been avoided. When selected, avoided events may be cancelled and will not be excluded from the route.

Traffic information using HD Radio Technology

Traffic Settings

Traffic information may be turned on/off for certain traffic classes. The following options are available:

- Show: Show this traffic class on the map/list etc.
- Sound: Audible alert when a message from this traffic class appears on my route.



If you uncheck <Show> for a particular class, you will not receive any notification of events within this class. See the <Traffic Classes> section for more details.

Customizing Cycle XE

Traffic Station

The Traffic Station page displays the station the traffic system is currently tuned to and allows you to adjust the station selection.



There are three methods to manage the station:

- **Tune:** If you know the station frequency you wish to tune to, use the arrow buttons to the left and right of station to manually set the station frequency.
- **Seek:** The seek function may be used to manually seek the next available HD Radio Traffic Station.
- **Auto Scanning:** This function automatically scans and finds the strongest HD Radio Traffic Station.

After checking "Auto Scan " and you tap on "Apply", the display will turn to the Main map. After a few seconds, the unit will begin searching for a valid HD TMC station.

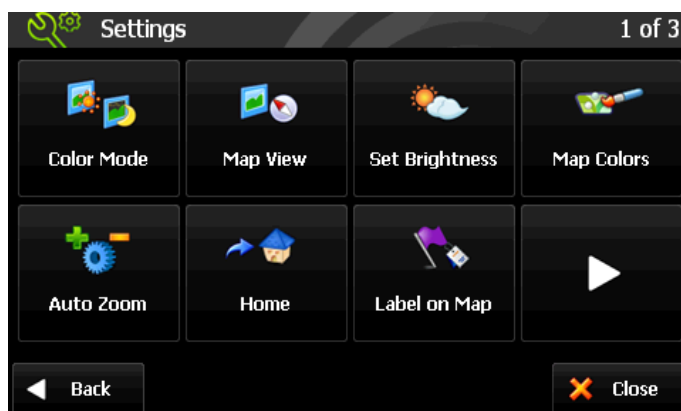
If "Auto Scan" is off and you tap on "Apply", the display will turn to the Main map. The unit will now only search for the specific station that is displayed in the <Traffic Station> screen. Please note that we recommend to have "Auto Scan " checked so that the unit will try to find a valid station available at all times.

Please note that while in <Traffic Station> page, the unit will stop Auto Scan temporarily even if "Auto Scan" option is checked. Once you exit the <Traffic Station> screen, the unit will then restart Auto Scan if the option is enabled.

Customizing Cydle XE

Settings

In this page, you can customize the settings of the Navigation system.



Descriptions of each option are as follows:

- 1. [Color Mode]** You can set the color mode of map as 'Daytime', 'Nighttime', or 'Auto mode'. Auto mode will allow the navigation system to automatically choose day or night mode based on the current system time.
- 2. [Map View]** You can change the view mode of map as 'Track up', 'North up', or '3D View' mode.
- 3. [Set Brightness]** You can adjust the map brightness of day/night.
- 4. [Map Colors]** You can change the map color.
- 5. [Auto Zoom]** You can set the automatic zooming at intersection or on speed.
- 6. [Home]** You can register or change your home location.

Customizing Cydle XE

8. [Label on Map] You can turn on/off displaying some labels on map.

9. [Voice/Text Language] You can change voice/text language of Navigation.

10. [Routing Options] Changing routing options.

11. [Units] Change distance units (miles or meters)

12. [Set Clock] Setting your navigation time and apply some options such as 'Daylight saving' and 'Sync. with GPS time'.

13. [Time Zone] Select time zone.

14. [Speed Limit] Turn on/off the speed warning. Set a tolerance level for receiving a warning alert; for example, set tolerance level as 2mph to receive a warning when you exceed the speed limit by 2mph.

15. [Fuel Cost] Adjust fuel prices and consumption.

16. [Volume] You can turn up/down the volume and link the volume to car speed

17. [Keyboard] Changing Keyboard Option

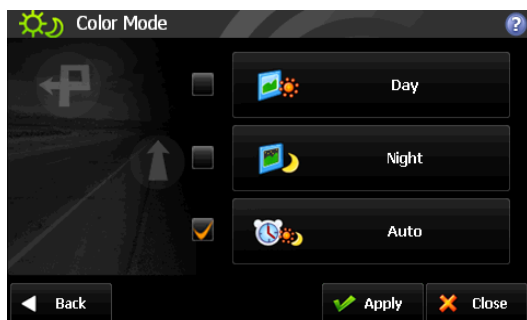
18. [About] Shows product name and version.

19. [Restore Settings] Restore all settings to factory defaults.

Customizing Cydle XE

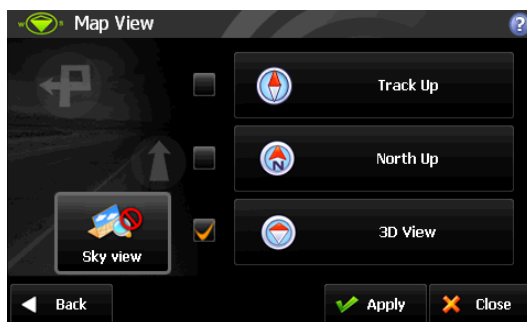
Color Mode

Change the color mode of map as 'Daytime', 'Nighttime', or 'Auto' mode.



- **Daytime:** Daytime color mode.
- **Nighttime:** Nighttime color mode. (Refer to the right side image.)
- **Auto:** Automatically change the map color by time.

Map View

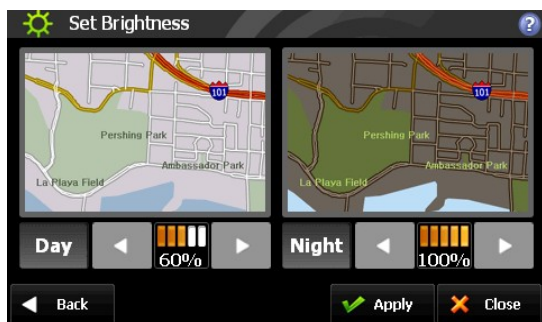


- **Track up:** The direction of car is always upside of map screen.
- **North up:** The map screen is fixed to north direction up.
- **3D View:** 3-dimensional 'Track up Mode'.
(Refer to the right side image)
- **Sky View:** The sky line image above the horizon can be turned on or off.
(3D View only)

Customizing Cydle XE

Set Brightness

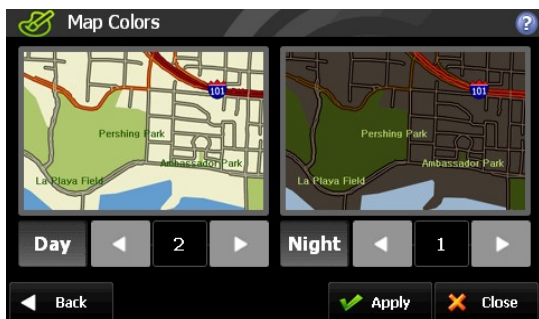
By touching the map images, adjust day or night brightness of map screen according to your preference. Then tap 'Done' button.



- **Day:** Adjust day brightness of map screen.
- **Night:** Adjust night brightness of map screen.

Map Colors

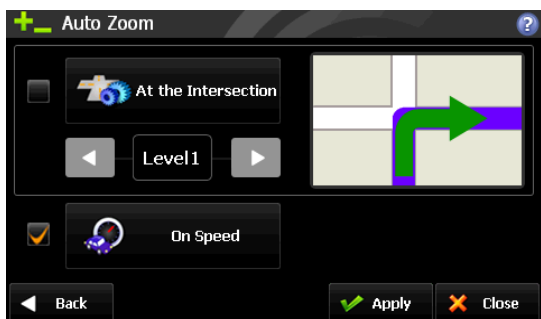
By touching the map images, change day or night color of map screen according to your preference. Then tap 'Done' button.



- **Day Color:** Select day color of map screen.
- **Night Color:** Select night color of map screen. A darker map color is used to reduce glare and eye strain while driving.

Auto Zoom

You can turn on/off automatic zooming at the intersection and automatic zooming on speed options.



- **At the Intersection:** Automatically zoom in/out to a certain map scale level at the next maneuver intersection.
- **On Speed:** Automatically adjust map scale level according to the speed of car. (Speed up->Zoom out, Speed down->Zoom in)

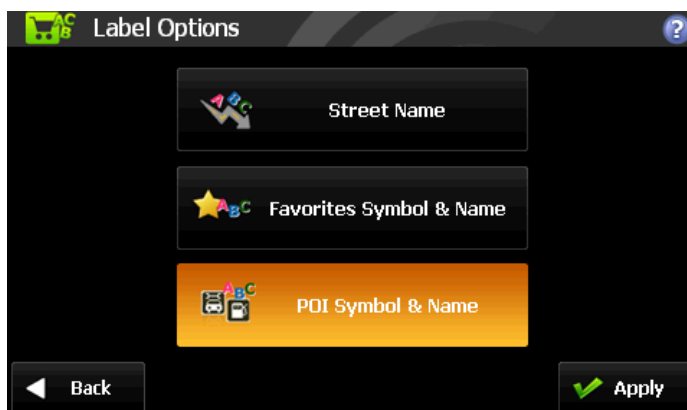
Customizing Cydle XE

Home

Register or change your home location. You will probably use this menu more than other. And your home location can be a place you go often, for example, your office or school. It can be your actual home address, but it can also be any address you like.

Label on Map

Show/hide some labeling options on the map screen.



Select options that you wish to be displayed on the map screen, then tap the 'Done' button to apply these settings on the map screen.

Street Name

POI Symbol & Name

Pressing this button will allow you to hide or display POIs based on category type. You can choose to only display your favorite POI types, for example Food, Fuel, Lodging etc

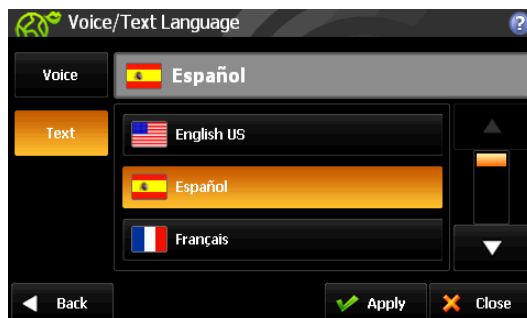
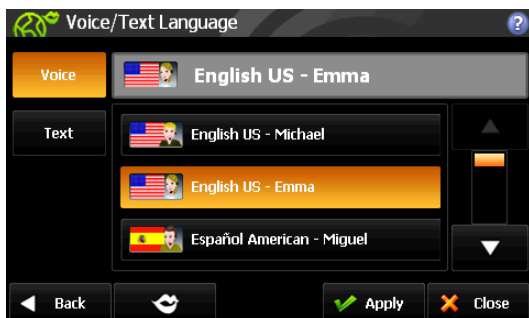
Favorites Symbol & Name


Symbols and names of registered place as your favorite.

Customizing Cydle XE

Voice / Text Language

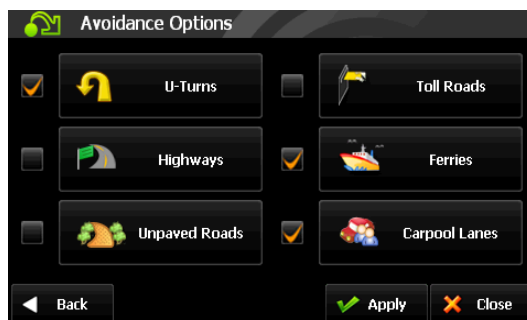
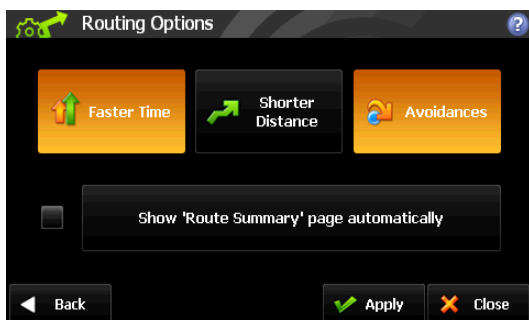
Change voice / text language option.



- **Voice Language:** Gogo offers several languages to choose. Each language has a male/female voice. And if you want to hear the sample voice of the selected one, tap . To apply the selected voice language, tap 'Done' button.
- **Text Language:** Choose text languages for user interface.

Routing Options

Set routing options.

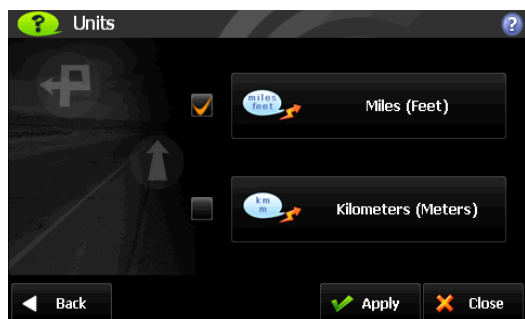


- To route considering faster time, select 'Faster Time' option. To route considering shorter distance, select 'Shorter Distance' option. To route avoiding with some options, go to 'Avoidance Options' page by selecting 'Avoidances'. Choose avoidance options that you wish to avoid, then tap the 'Done' button.
- **Show 'Route Summary' Page automatically:** If this option is checked, the 'Route Summary' page will be shown whenever the routing planning is complete. Otherwise, it will start guidance immediately.

Customizing Cydle XE

Units

Set distance units.

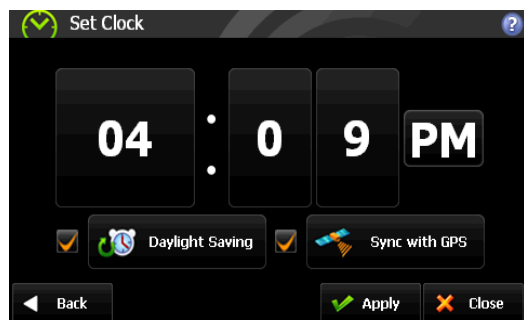


You can choose one of following two options.

- Miles/Feet
- Kilometers/Meters

Set Clock

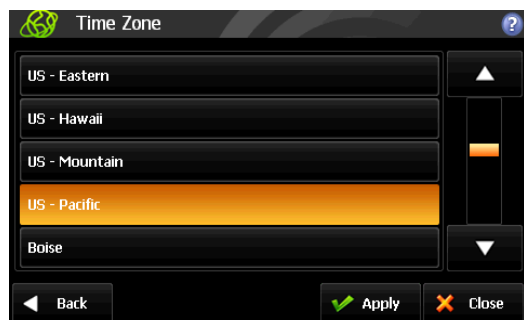
Set time manually.



- Sync with GPS: Synchronize the time on your device with GPS time.
- Daylight Saving: Apply daylight saving.

Time Zone

Set time zone.

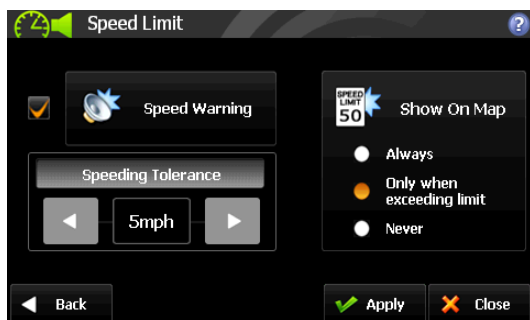


- Select one of 30 time zones. The default time zone is US-Pacific.

Customizing Cydle XE

Speed Limit

Control how speed limit sign and warnings are given.



The map data contains speed limit information for some, but not all roads. This information exists generally for highways and other major roads. For your convenience, the speed limit unit; i.e. miles or kilometers, matches the system's unit setting.

Speed warning: An acoustic warning is given when the speed limit is exceeded.

Speeding tolerance: The acoustic speed warning may be adjusted by using the Speeding Tolerance. For example, on a 60mph road, if the Speeding Tolerance is set at 3mph, the driver is alerted if the vehicle exceeds 63mph.

Show on Map: Choose how to display the Speed Limit Sign on the main map:

- **Always:** Speed Limit Sign will be displayed on map where available
- **Only when exceeding limit:** Displayed only when exceeding speed limit. This control is independent of the Speeding Tolerance.
- **Never:** Speed Limit Sign is never displayed on the main map

The Speed Limit Sign displays miles or kilometers according to the system's unit settings. This may be changed by going to [Menu] > [Settings] > [Units].

Customizing Cycle XE

Fuel

Set current fuel price, and adjust consumption estimates according to vehicle.

Your journey's fuel cost estimate will appear on the '**Route Summary**' page. You can access this screen via [Menu] > [My Route] > [Route Summary].

• Fuel Price

Fuel prices fluctuate throughout the year. This setting allows you to adjust the fuel prices according to current prices.

Currency options include Dollar (\$), Euro (€), British Pound (£), Swiss Franc (F), and Danish Krone (kr).

Pricing for fuel volumes can be set as either 'per gallon (US)' or 'per liter'.

• Consumption

The consumption section allows you to set your vehicle's fuel consumption. This fuel consumption will then be used in the cost estimate for your trip.

Most modern vehicles include a fuel economy label which describes the vehicle's fuel economy ratings. Alternatively, to find out your vehicle's fuel consumption, please see the 'Fuel Economy Guide' at www.fueleconomy.gov. This guide is published by the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE). It contains an extensive listing of most vehicle makes and models.

Vehicle consumption is typically expressed as two fuel economy estimates:

- City: represents urban driving and driving in stop and-go rush hour traffic. City driving typically consumes more fuel than highway driving.
- Highway: represents driving on a mixture of rural and interstate highway driving, typical of longer trips in free-flowing traffic.

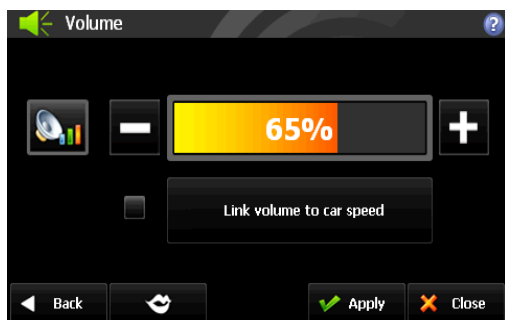
• Note

Please be aware that the actual fuel cost may vary according to other factors which affect the fuel consumption; for example, driver behavior, driving conditions, vehicle maintenance, fuel characteristics, and weather. The cost estimate is an estimate of fuel costs only. Other costs, such as Toll charges are not included in the calculation.

Customizing Cydle XE

Volume

Set volume. Volume setting to control voice guidance. Pressing the minus <-> or plus <+> button will sound a chime to indicate the volume level.

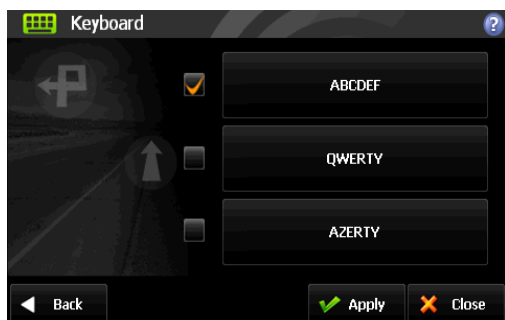


• Link volume to car speed:

<Link volume to car speed> increases or decreases the volume to compensate for road noise; for example, the volume will automatically get louder when you drive faster, and conversely, it will return to normal volume level for moderate driving speeds.

Keyboard

Set Keyboard option

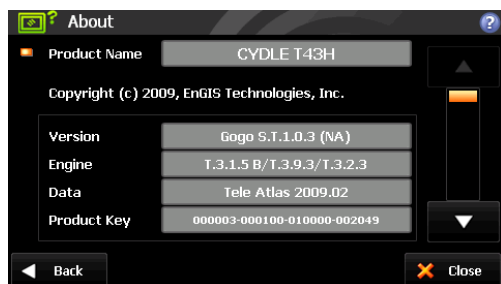


You can select your keyboard layout preference here. This will change the keyboard layout for address and POI searches among others.

- ABCD
- QWERTY
- AZERTY

About

Shows the product name, version, data source and other licensing information.



- Product Key identifies your product. You will need this key when contacting customer service.

Customizing Cydle XE

Restore Settings

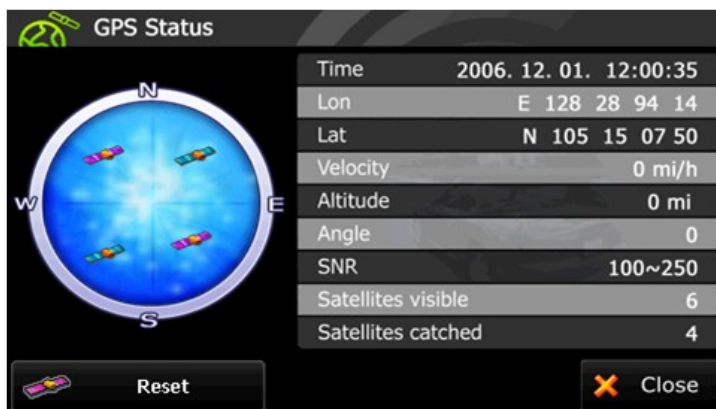
Restore all settings to factory defaults.

Note


Please use caution when choosing this option, as any adjustments you have made to settings will be lost!

GPS status

Checking GPS status



- Blue satellite: GPS fix is established.
- Pink satellite: GPS fix is unavailable.

Pressing the <Reset>  button will reset the GPS module.
It may take up to one minute to reacquire the GPS signal

It may take some time to receive GPS signals. Please refer to page 39 <Information> for GPS signal disturbance.

Note

The GPS satellites in space are programmed to follow an exact orbit pattern each day.

The orbit patterns are published each night at midnight by the US government to the satellites. Each day your GPS device must download the new orbit pattern first, to know where to look in the sky for satellites for the rest of the day. The first time you use the device each day is the longest time it takes to get the GPS signal.

This time can be shortened by standing still (not moving or driving around), ideally under an open sky.

Getting this first signal could take as much as 1-15 minutes depending on your environment. However, after this first time, it will only take about 1-5 seconds to re-acquire the GPS signal again on that day, when you turn on your device.

GPS status

Precautions for receiving GPS signal

To prevent GPS signal disturbance, please make sure that you are outside and the GPS antenna has a good visibility of the open sky.

- In order to have clean satellite data reception, make sure the GPS antenna is horizontal with the sky.
- If you are in the downtown area where buildings are crowded densely, it may cause the GPS signal reception disturbance. It's not possible to receive GPS signals in a tunnel, underground parking lot, or enclosed space.
- Do not place any object near GPS antenna that will cause GPS signal reception disturbance.
- Some specially coated windshields, such as a heat-reflecting windshields, may block the GPS signal reception inside the vehicle.
- Do not install electronic equipment with strongly emitting electromagnetic waves such as a radio wave transmitter near the GPS antenna.
- The rate of GPS signal reception may be low due to the weather and atmospheric conditions.

Music



Music Player

To listen to music, Click on the icon for music in the menu screen.
*Please use SD card to store the audio files, video files and photos.

Cytle GPS can recognize up to 8 G SD card.

Music Playback

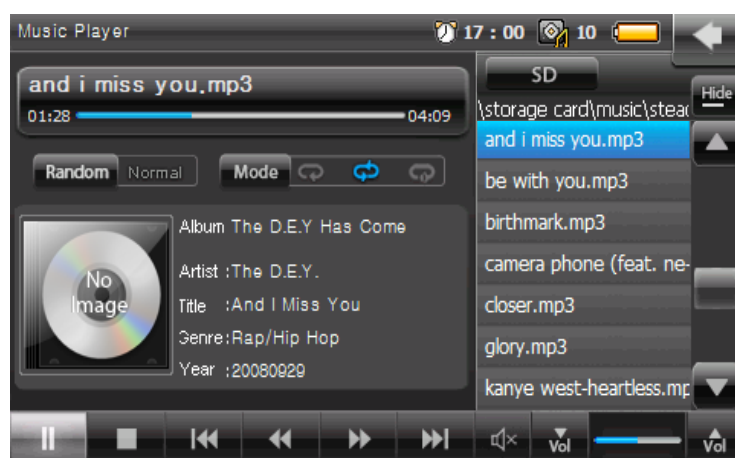
NOTE:

Only select music and media when you are stationary. It is dangerous to select songs and make adjustments while you are driving.

Not all audio files contain information about the song, such as the artist or genre. If the file contains no information, the file name is used as the song title.

Browsing your play list

1. Tap **Music player** in the Main menu.
2. Insert SD card containing audio files.
3. Your unit can search files that can be played in SD card automatically.
You can browse music files in the SD card If it is available



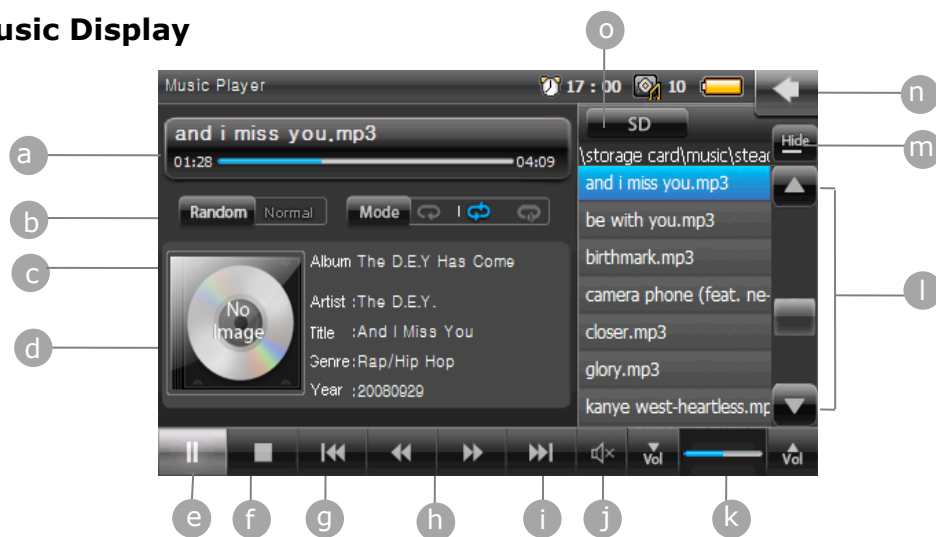
File list up & down

4. As soon as you choose a song or audio file, your unit starts playing




Button operation

Your unit allows you to listen to the songs in your playlist with the buttons of Music Player display.

Music Display






- a Title of song and play status
- b Shuffle songs- the next song is selected randomly.
- c Click to change the play mode
- d Information about the song
- e Play/pause
- f Stop
- g i Play a previous/ a next file in the selected storage
- h Fast reverse/ Fast forward
- j Mute/ Un-mute
- k Volume down/up.
- l Scroll down/up the play list

-  Minimize the Music player. Music player keeps its operating and allows you to go back to the Main menu
-  Back to the Main menu
-  Select the storage card

< Replay setting >

You can set to repeat the song in various play modes with the following.

-  Stop after replaying the previous music
-  Replay all of the music in the current storage
-  Replay a song continuously



Movie Player

With T43H you can see video contents, Click the icon for the **Movie Player** in the menu screen. The video plays in Wide screen to take full advantage of the display.

Movie playback

NOTE:

Only select music and media when you are stationary. It is dangerous to select movies and make adjustments while you are driving.

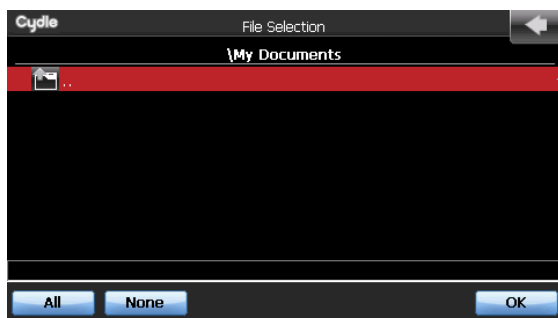
*Please use SD card to store the audio files, video files and photos. Cycle GPS can recognize up to 8 G SD card.

Browsing movie files

1. Tap **Movie player** in the Main Menu. And insert SD card which you stored movie files
2. Tap **File selection** button at the bottom of Movie player display to browse movies in your SD card that you've stored in.






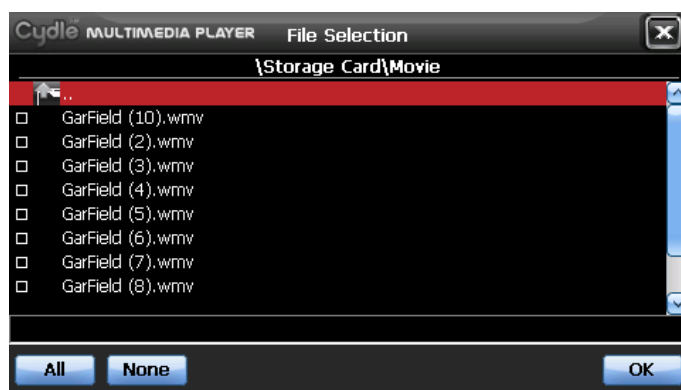
3. In the file selection, click the red bar in the screen like below picture. then you can get to the "Storage card" folder which indicates "SD card".



Click here to browse SD card storage

Movie

4. Select a movie by tapping the Upward  and Downward  button and tap  to start play.



5. As soon as you choose a movie file, your unit start to play it.

Button operation

Movie Display



- a Playhead
- b Play a previous file in the selected storage
- c Fast reverse
- d Play/ pause Movie play

- e Stop Movie play
- f Fast forward
- g Play a next file in the selected storage
- h Shuffle play
- i Select Repeat mode
- j Open file
- k Open Library
- l To see Movie with the wide screen of the display
- m Volume control
- n Back to the Main menu



Picture Viewer

To Look at photo files , Click the icon Picture viewer in the menu screen. With T43H help you can carry your photo in SD card.

*Please us SD card to store the audio files , video files and photos. Cydle GPS can recognize up to 8 G SD card.

Looking at Photos

1. Tap **Picture Viewer** in the Main Menu.
2. Your unit search the file that can be viewed in its memory automatically.
The Picture Viewer starts, showing the Picture file listed first in the storage.
3. T43H automatically search the image or picture files in your SD card.

Button operation

Photo viewer Display




- a Display a previous file
- b Display a next file
- c Zoom In
- d Zoom Out
- e Rotate the picture 90 degrees in the screen

Picture

- f** Set the time for Slide show mode (1sec, 3secs, 5secs and toggle)
- g** Start Slide view: it allows you to see the slide show with the time set
- h** Full Screen View
- i** Scroll down/up the play list
- j** Back to Main the menu
- l** Select the storage card

Looking at Photos in full screen mode

Full screen view is available when you click  button or gently tap the middle of the image in the screen.



In Full screen view, you can operate the Picture viewer with the following information.

The screen can be divided into five different parts.

When you click each part of the screen the Picture viewer will response as it is designed.

- 1. Zoom in**
- 2. Zoom out**
- 3. Quit the full screen mode**
- 4. <<Pre :** To see the previous picture
- 5. Next>>:** To see the next picture



Calculator and **Calendar** are available when you click **Utility** in the Main Menu.

You can check today's date and use the full function calculator.


Using Calculator

1. Tap **Utility** in the Main Menu.
2. Tap on the Calculator to open this application.
3. You can use the basic functions of the Calculator such as add, subtract, multiply and divide just as you would with any other calculator.

Calculator Display



<Numeric display>

MR	Memory numeric restore (display)
MC	Memory numeric clear
MS	Numeric save memory
M+	Add edit numeric to memory numeric
	Delete the number recently inputted
C	Current calculative numeric clear
CE	Display numeric clear
1/X	Division-Divide numeric inputted by "x"
SQRT	Square root
=	Enter
%	Apply percentage



<Calendar>



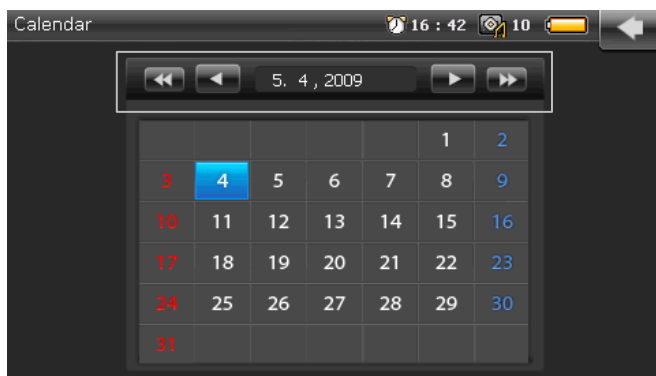
<Stopwatch>

Calendar and Stopwatch are available when you click **Utility** in the Main Menu. You can check today's date and use the full function calculator.

Using Calendar

1. Tap **Utility** in the Main Menu.
2. Tap on the Calendar
3. Calendar lets you view the today's date in a continuous list, by day, or by month.



Calendar Display





<Setting the Date>

You can manually set the date (year, month, day) with several buttons in the calculator of your unit.

Setting Year

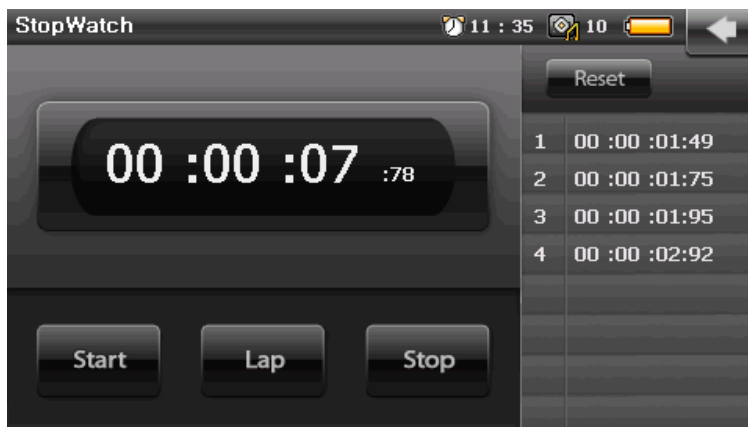
Tap  or  to see the previous or next year

Setting Month

Tap  or  to see the previous or next month

Using Stopwatch

Stopwatch Display



You can use this stopwatch timer with lap for any event to calculate the time. Easy 4 buttons for operation of stopwatch increase your experience with useful function of Cydle T43H.

<Button operation>

Start: Start the stopwatch and run timer

Lap : Captures the cumulative and interval split timing and displays the running time.

Stop: Stop the stopwatch

Reset: Stopwatch resets the lap time to zero and begins counting the new lap's

HD Radio Technology



HD Radio Technology

To listen to the HD Radio stations, click the HD Radio icon in the menu screen.
Your unit will help you listen to high quality FM channels through multicasting.

About HD Radio Technology

About HD Radio Technology

HD Radio Technology allows CD-quality digital broadcasting of your local FM radio stations.


HD Radio broadcasts can include multiple channels on the same frequency, which is called multicasting. With multicasting, you can receive up to eight additional multicast channels: HD1~HD8. With your unit you will receive HD Radio digital broadcasts automatically when tuned to a station that offers HD Radio technology.

Listening to the HD Radio Broadcasting

CAUTION :

It is dangerous to adjust your HD Radio receiver and other applications while you are driving. Only select the HD Radio features and the applications in your unit when you are stationary.

To start the HD Radio reception, Tap on **HD Radio icon** in the Main menu screen.

If you have a station that you have listened to before, your unit will play it automatically and the HD icon  will be displayed at the top of the screen. Your T43H will display the HD Radio icon to let you know that you are listening to HD Radio stations.

When you are in an analogue station, your T43H will not display the HD Radio icon anymore.

To tune the frequency with several buttons in HD Radio display, see the HD Radio display (75 page).

NOTE:

The amount of information displayed when receiving an HD Radio signal is dependent upon what is being broadcast. Some stations broadcast their call letters (name), the artist's name, song title, and category of music.

Not all FM stations offer HD Radio (digital) broadcasting. You can receive both analogue and digital stations with your unit.

HD Radio Technology

Button operation

Your unit allows you to tune or seek for the stations you want to listen to with the buttons in the bottom line of HD Radio display.

HD Radio Display



a Radio station indicator

b Information display

c **◀ Tune Tune ▶** Touch to tune backward / forward in one step

d **◀ Seek Seek ▶** Touch to seek backward / forward

e **Auto Store:** Press to automatically store the first six strongest stations.

f **Preset Scan :** Scan within the preset list. Radio will hold each preset number for 5 secs while releasing mute, and then search again.

g Mute

h Increase/ Decrease Volume

i Touch to seek for HD Radio stations only

HD Radio Technology

- h Increase/ Decrease Volume
- i Touch to seek for HD Radio stations only
- j Preset list (Up to six stations can be set as your preset)
- k Minimize the HD Radio. HD Radio keeps its operating and allows you to go back to the Main menu
- l Quit HD Radio and back to the Main menu
- m Scan up preset number to play each preset for 5 secs
- n Selecting a Band (FM1-FM4)

HD Radio HD2/HD3 Channels

With HD Radio Technology, your unit allows you listen to more channels called HD2/HD3 channels.

Up to 8 channels can be broadcasted within 1 station.



Preset buttons
You can preset 6 local FM stations in each FM band

To tune to an HD2/HD3 channels, tune to the main signal and then press the



If an HD2/HD3 channel is being broadcast for the current station, the corresponding channel number appears on the right side of the Radio station indicator. To view the title and artist, if available, select HD1, HD2, HD3, etc.

HD Radio Technology

Using a Preset station

You can store up to 6 stations as your preset list which you listen to often. Six numbered preset buttons store and recall stations for the FM band. All 24 stored stations (P1-P6) for the FM1-FM4 band appear on the screen.

< Storing preset stations >

You can store presets in the following two ways:

AS (Auto Store):

The radio searches from the current frequency and checks the signal strength level until a cycle search is finished. And then store 6 strongest stations as the preset to the corresponding preset number.

Storing preset manually :

1. Select a Band (FM1-FM4) and tune to the station you want to store.
2. Click a preset number where you want to store among **6 preset buttons** for 3 seconds.
3. Then the station will be stored at the preset number you wish

Recalling a station

You can see all stations under the preset list.
Click an on-screen preset button to select the corresponding stored station.

Setting



Settings allow you to customize T43H applications, set the date and time, Sound, Display, Update and Calibration as you would usually.

Sound setting

The sound setting on your unit is used for features such as spoken instructions , tap sound, Video and Audio.

Tap **Sound setting**  in the Setting menu to start your sound setting.

You can change your volume level in the following three ways.

- Press and hold the Volume hardware key on the left side of the unit.
- Use "Sound setting" in the Setting menu.
- Use the sound control bar in each application (if needed)

Controlling TAP SOUND

Tap  or  to select **TAP SOUND** option.

If **TAP SOUND** is turned on, you can hear the sound when you tap buttons in the screen.

Controlling speaker

Your unit contains a high quality speaker. This is used to play all the sounds on your unit.

The Earphone Jack in your unit can be used for both the External FM antenna and earphones.

Your unit has been designed to select the speaker option manually since there is the possibility that your unit will recognize the External FM antenna as the earphone.

If you want to use earphone sound only, turn off the speaker option.

Your unit will sound through the earphone and speaker unless you turn off the speaker option

Sound setting Display



You can connect external speakers to your unit by using an audio cable.

Note: If your car stereo has a line-in connector, you can play sound from your unit through your car speakers.





Display setting

The Display setting on your unit is used for features such as Brightness, Battery left indicator, Sleep mode option.

Tap **Display setting**  in the Setting menu to start your display setting.



Brightness :

Tap  or  , to increase or decrease the level of brightness of the screen.

Battery :

You can check the battery left.

Back Light:

Tap  or  , to select **Back Light** option: Never, In 5 sec, 10 sec, 15 sec, 30 sec, 1 min. (Default setting of Back light option is 10 sec.)

Note:

Back Light button allows you can set the time durations with its options. Only in HD Radio and Music player, the touch screen will be off, if the touch screen hasn't been touched after the time duration has passed.

Setting

Display setting Display

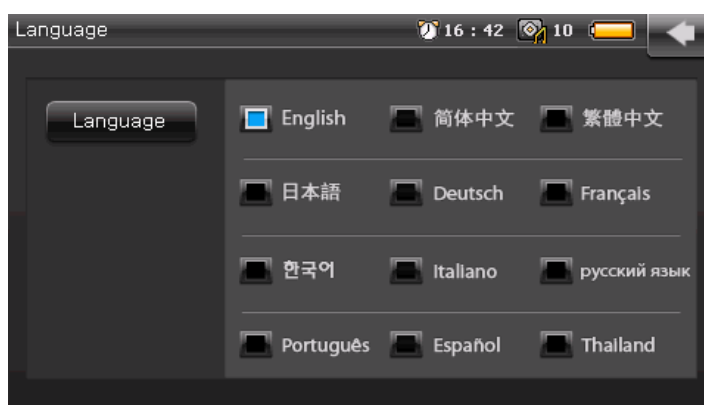


Selecting the system Language

You can set the system language which will be displayed on the screen. Your unit allows you to choose from 12 different languages.



1. Tap **Language** in the Setting Menu.
2. Choose the language you want to use in your unit by tapping it.





Setting

Date & Time settings

These settings apply to the time shown in the status bar at the top of the screen.


Tap **Date & time setting**  in the Setting Menu.

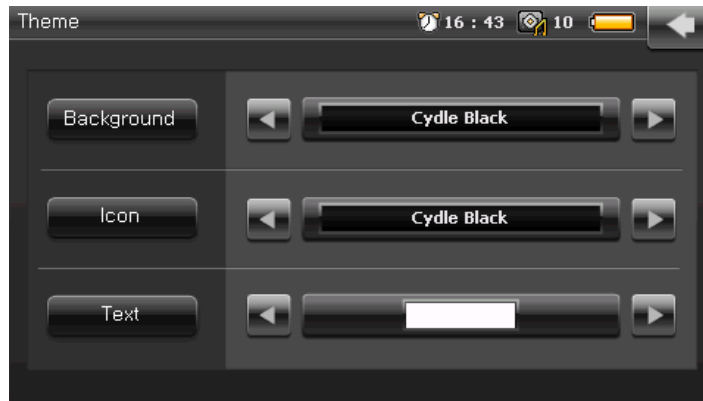
Set the date and time by tapping  or . When you click the Month or year, it will highlighted and you can set the Date or time as you would usually. These settings apply to the time shown in the status bar at the top of the screen.



Selecting Theme

Your unit has 3 different Themes for the Main menu. In addition, you can customize the Main menu with your picture if you have one.

1. Tap **Theme**  in Setting Menu.
2. Choose Background, Icon and colour of the Text.




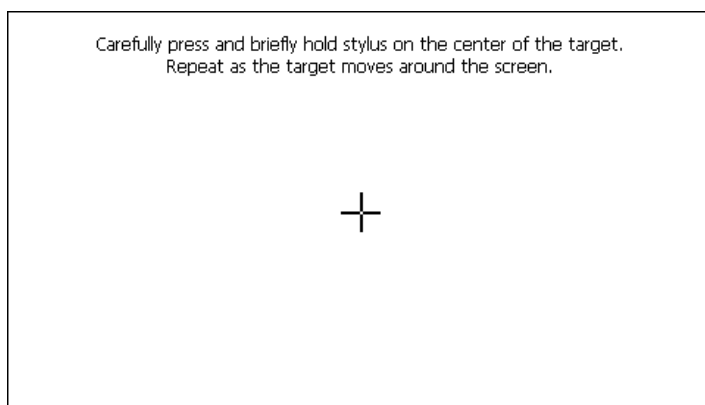
Setting

Calibration

To make the feel of the Touch screen more smooth and accurate, you can stand up the Calibration of your screen.

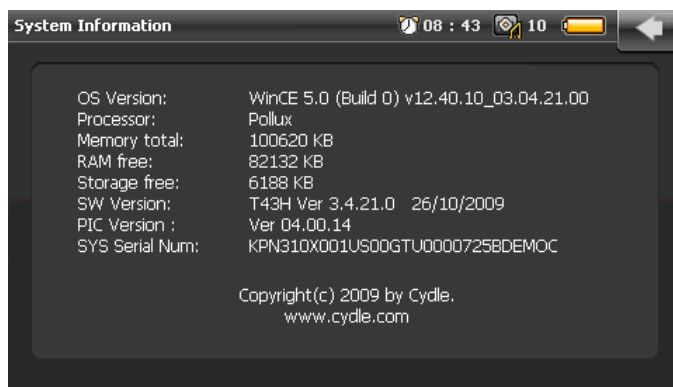


When you click **Calibration** , you will see the Coordinates  for calibration. Carefully press and hold the centre of Coordinate to follow its movement.



System information

Registration of the Cydle site requires the serial number of your unit to serve you as our member patron. When you submit the serial number to the Cydle site while you create your personal account, Cydle is able to support you directly. Through system information, you can find useful information about a unit such as OS version, software version and hardware components along with the serial number.



Update

Update

Cydle releases OS update and Software update regularly every quarter through the Cydle site.

To maximize the performance of your unit, download and install new OS and Software from the Cydle site.

Visit www.cydle.com

And then access to "**SUPPORT**"-> "**DOWNLOAD CENTER**".



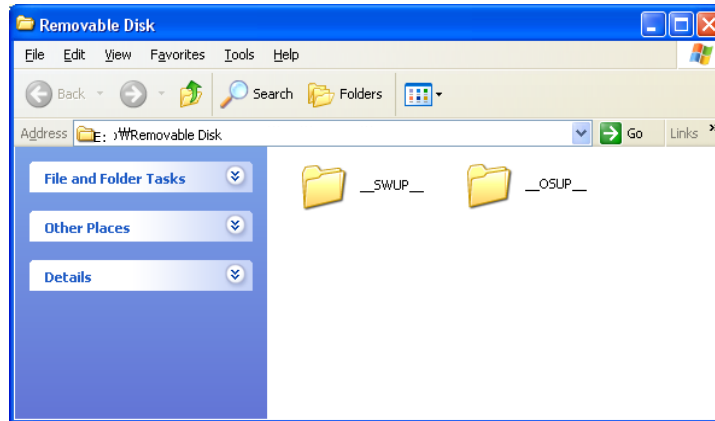
SYSTEM UPDATE – OS Update

- 1) To start the OS update the device, connect your unit to the DC adaptor and prepare the SD card with Backup data or an update program.

NOTE:

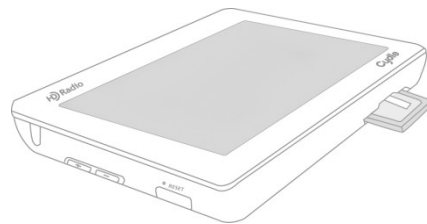
Do not disconnect the DC adaptor while you are trying to update the OS and Software. If the cable is disconnected, the computer memory may be lost. Under these conditions, take extra caution during installation to avoid causing a short circuit.

- 2) For safe and clear installation, please check that the data is stored in a correct manner in the SD card.
 SWUP and _OSUP_ folders should exist as the root directory of your SD card.
 The Root directory name of the SD card should be as shown below.



- 3) Please insert the SD card which contains Backup data or the Update program . As shown below, you can find the SD slot at the bottom of the device.

- 4) After insert SD card to slot, tap SETTING
-> Tap "UPDATE"



- 5) The user is able to select Software and OS update as they want.
Please click the button for OS update.

When you click the "OS UPDATE" button, the procedure for OS update will start.



- 6) While OS update is being processed, the system will display the info dialog such as "Do not take out the SD card and disconnect the AC power". Please keep the connection with Power to finish the OS update safely and completely.
- 7) "Update completed" will pop up in the screen to inform you of successful installation. Also, it will be automatically rebooted to complete the update. Please wait until the system has rebooted automatically.

Update

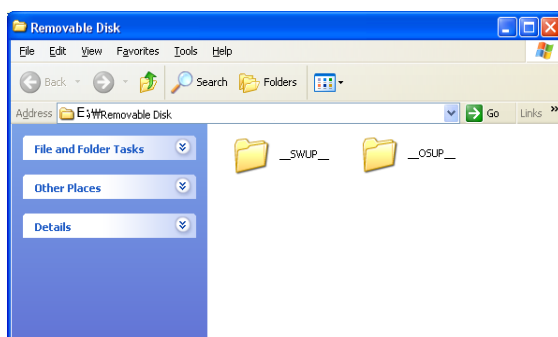
SYSTEM UPDATE - Software Update

- 1) To start the OS update the device, connect your unit to the DC adaptor and prepare the SD card with Backup data or an update program.

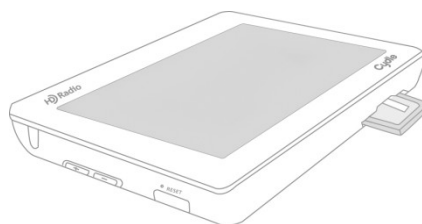
NOTE:

Do not disconnect the DC adaptor while you are trying to update the OS and Software. If the cable is disconnected, the computer memory may be lost. Under these conditions, take extra caution during installation to avoid causing a short circuit.

- 2) For safe and clear installation, please check that the data is stored in a correct manner in the SD card.
SWUP and _OSUP_ folders should exist as the root directory of your SD card.
The Root directory name of the SD card should be as shown below.



- 3) Please insert the SD card which contains Backup data or the Update program.
As shown below, you can find the SD slot at the bottom of the device.



- 4) After insert SD card to slot, tap SETTING
-> Tap **"UPDATE"**



Update

- 5) The user is able to select Software and OS update as they want.
Please click the button for OS update.

When you click the **"Software UPDATE"**  button, the procedure for OS update will start.

- 6) While OS update is being processed, the system will display the info dialog such as "Do not take out the SD card and disconnect the AC power". Please keep the connection with Power to finish the OS update safely and completely.
- 7) "Update completed" will pop up in the screen to inform you of successful installation. Also, it will be automatically rebooted to complete the update. Please wait until the system has rebooted automatically.

NAVIGATION UPDATE – App + Map update

Most updated map is available at Cydle's online store.

'We recommend our customers to use www.cydle.com to download necessary updates as well as annual map purchases'.

Visit Cydle site and then access to **"Online store"**-> **"Map update"**.



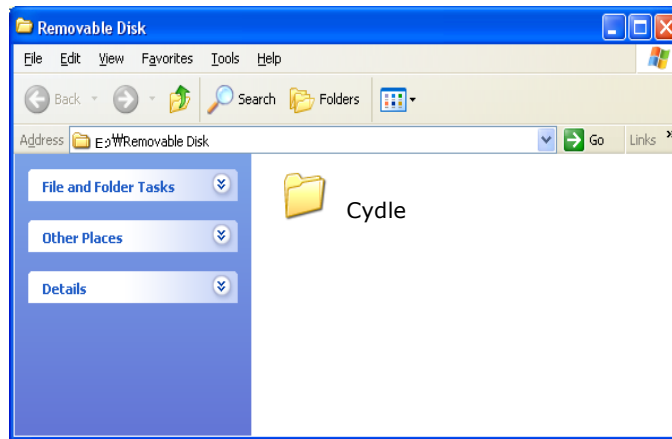
Map + App Update contain all of data for Navigation system. The Navigation system is consisting with several data like digital map data, application and license data base. By using Map + App Update, the unit can restore the whole Navigation system.

- 1) To start the map update the device, connect your unit to the DC adaptor and prepare the SD card with Backup data or an update program.

NOTE:

Do not disconnect the DC adaptor while you are trying to update the map. If the cable is disconnected, the computer memory may be lost. Under these conditions, take extra caution during installation to avoid causing a short circuit.

- 2) For safe and clear installation, please check that the data is stored in a correct manner in the SD card.
'cydle' folders should exist as the root directory of your SD card.
The Root directory name of the SD card should be as shown below.



3) Please insert the SD card which contains Backup data or the Update program. As shown below, you can find the SD slot at the bottom of the device.

4) After insert SD card to slot, tap SETTING
-> Tap **"UPDATE"**



5) The user is able to select Software and Map update as they want.
Please click the button for OS update.

When you click the "App + Map UPDATE"



button, the procedure for Map update will start.

6) While App + Map update is being processed, the system will display the info dialog such as "Do not take out the SD card and disconnect the AC power". Please keep the connection with Power to finish the Map update safely and completely.

7) "Update completed" will pop up in the screen to inform you of successful installation. Also, it will be automatically rebooted to complete the update. Please wait until the system has rebooted automatically.

NAVIGATION UPDATE - App update



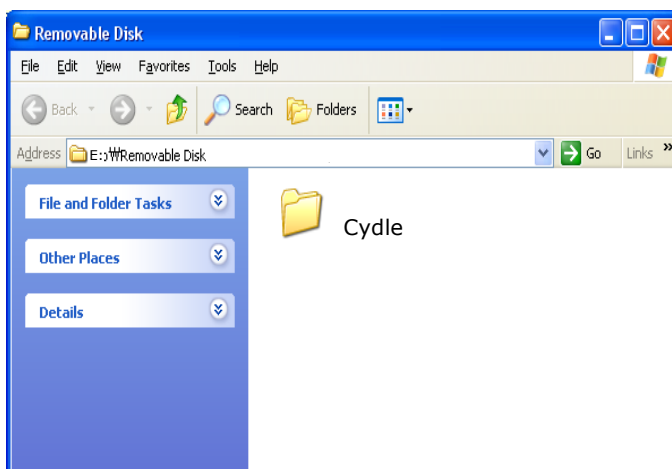
App Update contain Application data of Navigation system.
App Update can be use if your unit need to update most features of Navigation application excepting digital map data.

- 1) To start the map update the device, connect your unit to the DC adaptor and prepare the SD card with Backup data or an update program.

NOTE:

Do not disconnect the DC adaptor while you are trying to update the map. If the cable is disconnected, the computer memory may be lost. Under these conditions, take extra caution during installation to avoid causing a short circuit.

- 2) For safe and clear installation, please check that the data is stored in a correct manner in the SD card.
'cydle' folders should exist as the root directory of your SD card.
The Root directory name of the SD card should be as shown below.



- 3) Please insert the SD card which contains Backup data or the Update program .
As shown below, you can find the SD slot at the bottom of the device.

Update

- 4) After insert SD card to slot, tap SETTING
-> Tap **"UPDATE"**



- 5) The user is able to select Software and Map update as they want.
Please click the button for OS update.

When you click the **"App UPDATE"**



button, the procedure for Map update will start.

- 6) While Map update is being processed, the system will display the info dialog such as "Do not take out the SD card and disconnect the AC power". Please keep the connection with Power to finish the Map update safely and completely.
- 7) "Update completed" will pop up in the screen to inform you of successful installation. Also, it will be automatically rebooted to complete the update. Please wait until the system has rebooted automatically.

NAVIGATION UPDATE – Map update



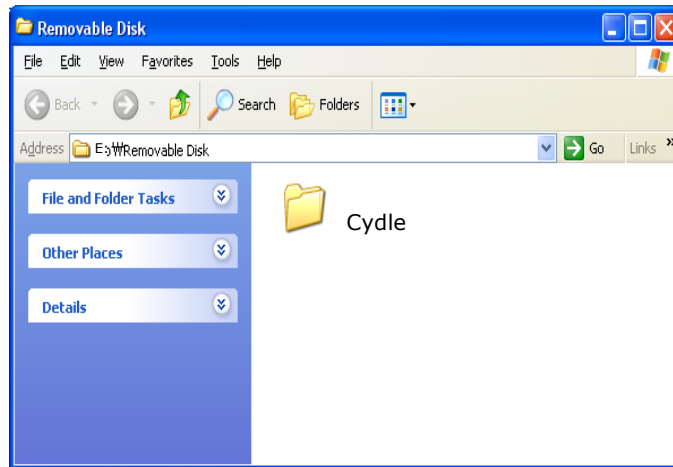
Using Map update, the coverage of map can be changed. For example if you plan a trip to overseas, you will need to change the coverage. And Map update help you can update map data only.

- 1) To start the map update the device, connect your unit to the DC adaptor and prepare the SD card with Backup data or an update program.

NOTE:

Do not disconnect the DC adaptor while you are trying to update the map. If the cable is disconnected, the computer memory may be lost. Under these conditions, take extra caution during installation to avoid causing a short circuit.

- 2) For safe and clear installation, please check that the data is stored in a correct manner in the SD card.
'cydle' folders should exist as the root directory of your SD card.
The Root directory name of the SD card should be as shown below.



- 3) Please insert the SD card which contains Backup data or the Update program .
As shown below, you can find the SD slot at the bottom of the device.

- 4) After insert SD card to slot, tap SETTING
-> Tap **"UPDATE"**



- 5) The user is able to select Software and Map update as they want.
Please click the button for OS update.

When you click the **"Map UPDATE"**



button, the procedure for Map update will start.

- 6) While Map update is being processed, the system will display the info dialog such as "Do not take out the SD card and disconnect the AC power". Please keep the connection with Power to finish the Map update safely and completely.
- 7) "Update completed" will pop up in the screen to inform you of successful installation. Also, it will be automatically rebooted to complete the update.
Please wait until the system has rebooted automatically.

Specification

Dimension (WxHxD)	122m x 82m x 17m
Weight	220g(7.7oz)
Display	4.3 inch TFT LCD, Touch screen Resolution (480*272) WQVGA
Operating temperature range	-5~+55°C(23°F-131 °F)
Charging temperature range	0~+40°C(32°F-104 °F)
Data storage	Internal memory and optional removable SD card. (Navigation system is preinstalled into the internal memory)
Computer interface	USB 2.0
Power input	Cydle Navigator T43H uses a vehicle power using the car battery adaptor or AC power using an optional accessory.
Battery life	Up to 10 hours of audio playback/ Or up to 4 hours 30 minutes of video playback/ Or up to 5 hours 40 minutes of HD Radio play Battery life might be reduced by how long unit is used.
Battery type	Rechargeable/Un-swappable Lithium-ion battery
GPS receiver	SIRF Star III
Operating system	Microsoft Wince 5.0 Core
Supported Video file format	DivX WQVGA(480X272) 30fs 2.5 Mbps VGA(640X480) 24fs 500Kbps XviD WQVGA(480X272) 30fs 2.5 Mbps VGA(640X480) 24fs 500Kbps WMV WQVGA(480X272) 24fs 500Kbps

*Some video files not be played according to video resolution, frame, bit rate and other options.

*Specifications and Application are subject to change without notice by up Software update and OS update

Specification

FCC Declaration of Conformity

This product contains the transmitter. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Compliance Statement

Caution: Changes or Modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This Device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

User information and precautions

Information and precautions

1. We are not responsible for any accident that occurs while operating our software.
2. The suggested route and guidance may be different with actual traffic and road conditions. Please drive safely and obey the traffic rules.
3. The map screen images and user interface information printed on this manual may not correspond with actual device due to additional features or any modifications. Display colours printed on this manual may appear different with the actual screen colour of device in result of manufacture process and printing ink. Cydle cannot guarantee that this document is error-free.
4. To prevent GPS signal disturbance, please make sure that you are outside and the GPS antenna has a good visibility of the open sky.
5. If you are in the downtown area where buildings are densely interspaced, it may cause GPS signal reception disturbance. It's not possible to receive GPS signals in a tunnel, underground parking lot, or enclosed space.
6. Do not place any object near the GPS antenna that will cause GPS signal reception disturbance.
7. Some specially coated windshields, such as a heat-reflecting windshields, may block the GPS signal reception inside the vehicle.
8. Do not install electronic equipment with strongly emitting electromagnetic waves such as a radio wave transmitter near the GPS antenna.
9. The rate of the GPS signal reception may be low due to the weather and atmospheric conditions.
10. To prevent data loss, please quit the program before mounting or releasing your device.
11. Do not operate your device while driving. Please drive safely and pay attention to the surrounding traffic and pedestrians. Always observe safe driving practices.
12. This product is designed as an aid to safer driving. You may receive speed alerts to help you monitor your speed. Cydle accepts no liability whatsoever for you receiving any speeding fines or points on your license through using this software. Cydle cannot guarantee the accuracy of the data contained within this database either expressed or implied.



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Kyonggi-Do, Korea

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